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SMOS

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

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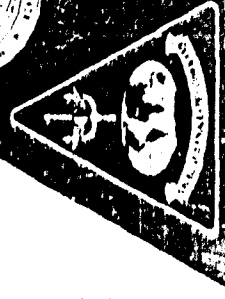
STATION:	#13721 Patuxent River, MD	DATE	December 1988
	LAT. 38:17 N. LONG. 76:24 W.		
PERIOD:	1945-1988		
DAILY:	1945-1988		
ELEVATION:	40 feet		
JOB NO.	TASK ENGAGED	DATE	December 1988

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/ Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure. (C)		

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DEC 16 1988

From: Officer in Charge, Naval Oceanography Command Detachment Asheville

Subj: SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS)

1. Discussion. This edition of the SMOS was produced utilizing a revised software package. The product has been expanded to include station climatic summary tables and is considered a stand alone publication. This update includes the period of record (POR) through 1986 for all hourly and daily data. Our revised production methodology incorporates two computerized editing phases after the initial processing stage and a manual review and intervention of suspect data prior to the print phase. Every effort has been made to produce at least a 99.9 percent data perfect product based on the stations observation data. We have switched to a direct computer printout on standard computer paper instead of the previous print format. This results in a 85 percent print cost savings over our old specialized print format.

2. Weather Conditions. This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in two tables as follows:

Table 13 By month, all years combined, by standard 3-hour groups and all hours combined.

Table 14 By month and annual, all hours and years combined, by wind direction.

Occurrences of the various phenomena included in each category on the forms are listed below:

- a. Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.
- b. Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.
- c. Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.
- d. Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.
- e. Hail - Occurrences of hail and small hail are included.
- f. Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.
- g. Fog - Included are fog, ice fog, and ground fog.
- h. Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.
- i. Blowing snow - Occurrences of blowing snow also drifting snow when reported from non-WBAN sources.
- j. Dust and/or sand - Included are blowing dust, blowing sand, and dust.
- k. Blowing spray - This item if reported, is not shown in a separate category on this table but is included in the computation Percentage of Observations with Obstructions to Vision.

1. Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

3. Atmospheric Phenomena Table 36: This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

a. The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

b. This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

4. Precipitation, Snowfall and Snow Depth. These elements are presented using the daily amounts and extreme value.

a. Tables 8, 9, and 10 provide for each element separately the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least).

b. Table 21 for each element presents the extreme daily amounts by individual month and day for the entire period of record available.

c. Tables 23, 24, and 25 provide for each element separately individual year and month extreme daily amounts and the means and standard deviations for each month and annual for all months combined.

NOTE 1: Snow depth was recorded and punched at various hours during the period available from U.S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

U.S. Navy and Weather Bureau Stations:

From beginning of record thru Jun 52 - Snow depth at 0030 UTC
Jul 52 - May 57
Jun 57 - present
Snow depth at 1230 UTC
Snow depth at 1200 UTC

NOTE 2: Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956, and after Dec 1979.



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Unannounced	<input type="checkbox"/>
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Distribution/	
Availability Codes	
Avail and/or	Special
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5. Surface Winds.

a. Extreme Values - Peak Gusts Table 27: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with <90% observations reported is also provided.

b. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction. A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

Table 1 contains three presentations prepared for all surface winds included, and for all years combined as follows:

- (a) By month - by standard 3-hour groups
- (b) By month - all hours combined
- (c) Annual - all hours combined

6. Ceiling Versus Visibility Table 2. This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

- (a) By Month - by standard 3-hour groups
- (b) By Month - all years and all hours combined
- (c) Annual - all years and all hours combined

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minimal may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on on the following pages.

Beginning in July 1948 for U. S. Air Force stations and January 1949 for National Weather Service (NWS) and U.S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 0
NO CEILING											
≥ 1800											
≥ 1500				91.0							92.6
≥ 1200											
≥ 1000											
≥ 900											
≥ 800											
≥ 700											
≥ 600											
≥ 500							97.4				98.1
≥ 400											
≥ 300											
≥ 200											
≥ 100											
≥ 0				95.4		96.9			98.3		100.0

EXAMPLE # 1: Read ceiling values independently of visibility under column at right headed > 0. For instance, from the table:

Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2: Read visibilities independently of ceilings on bottom line opposite > 0. From the tables:

Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3: To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

EXAMPLE # 4: Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5: To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 miles.

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

7. Sky Cover Table 11. This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover (see Note 3) and total number of observations. It is presented as follows:

By month and annual - by standard 3-hour groups, and all hours combined.

NOTE: #1: Sky cover (total cloud amount) was not reported by U.S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. NWS stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: #2: Some data sources used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	8
8 (or obscured)	10

NOTE: #3: Beginning in 1981 the symbols of Clear, Scattered, Broken, Overcast, and Obscured were used as input for the Total Sky Cover. Following are the conversions:

0/10 equates to clear
 1/10 to 5/10 equates to scattered
 6/10 to 9/10 equates to broken
 10/10 equates to overcast

8. Psychrometric Summaries.

a. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:

Table 5 Daily maximum temperature
 Table 6 Daily minimum temperature
 Table 7 Daily mean temperature

b. Daily Average/Extreme Temperatures Table 29 derived observations and presented for each month and day for entire period of record available are average temperature, average and extreme maximum temperature, average and extreme minimum.

c. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard of daily extreme temperatures are prepared:

Table 30 Extreme maximum temperature

Table 31 Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

d. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature Table 3. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:

(1) The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression is 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total number of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

(2) Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of each page. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_X). The number of observations used in the computations for each element is also shown.

(3) At the lower right of each page Table 40 gives the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

d. Means and standard deviations. These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

Table 15 Dry-bulb temperature

Table 16 Wet-bulb temperature

Table 17 Dew-point temperature

e. Cumulative percentage frequency of occurrence of relative humidity Table 12. This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

By Month and Annual - by standard 3-hour groups, and all hours combined with the hour groups being the vertical argument. All years are combined for this summary.

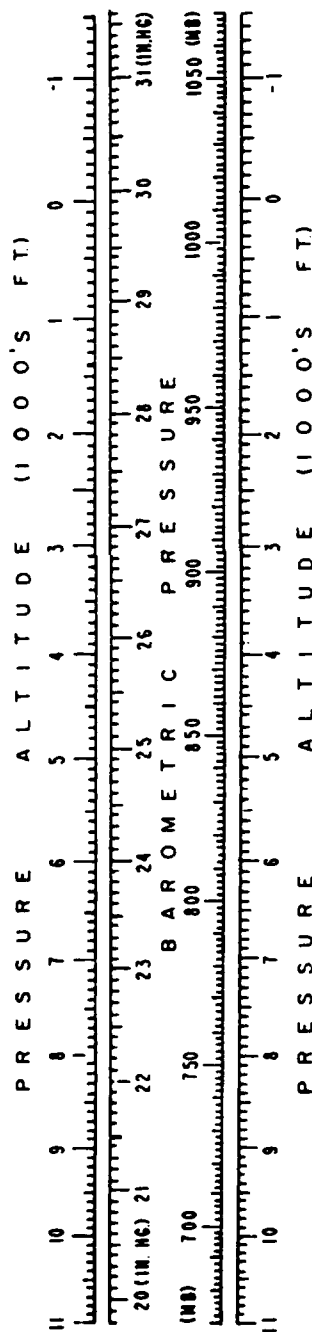
f. Percentage frequency of occurrence of dry-bulb temperature versus wind direction Table 4. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in five degree increments and horizontally by eight wind directions (plus calm).

9. Pressure Summary. Two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times UTC. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables.

Table 18 Station pressure in inches of mercury

Table 19 Sea-level pressure in millibars

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure latitude in 1000's of feet. This scale is an enlarged model of the pressure latitude scale in the Smithsonian Meteorological Tables.



M. L. Dickenson
M. L. DICKENSON

TABULATION INDEXES BY NUMBER

TAB # DESCRIPTION

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- 1 SURFACE WINDS -- WIND DIR VS WIND SPEED VS HOUR
- 2 CEILING VERSUS VISIBILITY -- BY HOUR
- 3 PSYCHROMETRIC SUMMARY -- DEPRESSIONS, DRY BULB, WET BULB, DEW POINT
- 28 MEANS AND STANDARD DEVIATIONS OF RELATIVE HUMIDITY
- 40 MEAN NO. OF DAYS WITH TEMPERATURE \geq OR \leq THRESHOLD VALUES
- NOTE : 28 AND 40 ARE SUB TABLES OF TABLE 3
- 4 PERCENT FREQUENCY OF AIR TEMPERATURE VS WIND DIRECTION -- BY HOUR
- 11 SKYCOVER -- HOUR VS SKYCOVER AMTS VS MONTH
- 12 REL HUM -- HOUR VS REL HUM AMTS VS MONTH
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- 37 STATION CLIMATIC SUMMARY
- 38 OMITTED
- 39 OMITTED

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : JAN
 CLASS : ALL WEATHER HOUR : CIOG LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)												TOTAL	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	2	1	1
N	1.0	2.3	2.8	.9	.3	.1	.0	.0	.0	.0	.0	7.3	7.8	
NNE	.2	.9	1.2	.9	.2	.1	.0	.0	.0	.0	.0	3.5	9.3	
NE	.6	.9	.7	.6	.1	.1	.0	.0	.0	.0	.0	3.0	7.6	
ENE	.6	.7	.5	.5	.1	.0	.0	.0	.0	.0	.0	2.3	7.3	
E	.5	1.1	.5	.1	.1	.1	.0	.0	.0	.0	.0	2.3	6.4	
ESE	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.1	
SE	.6	.6	.5	.2	.0	.0	.0	.0	.0	.0	.0	1.7	5.9	
SSE	.2	1.7	.7	.4	.1	.0	.0	.0	.0	.0	.0	3.1	7.1	
S	1.3	2.7	2.0	.5	.2	.1	.0	.0	.0	.0	.0	7.2	6.8	
SSW	.3	2.0	3.0	1.7	.3	.0	.0	.0	.0	.0	.0	6.5	9.5	
SW	1.0	1.3	1.7	1.9	.6	.1	.0	.0	.0	.0	.0	4.9	8.8	
WSW	.2	1.3	2.3	.8	.2	.1	.0	.0	.0	.0	.0	7.6	7.2	
W	1.6	2.4	2.0	1.3	.2	.0	.0	.0	.0	.0	.0	7.2	10.3	
WNW	.9	1.7	1.5	2.2	.5	.3	.2	.0	.0	.0	.0	11.7	10.4	
NW	.9	3.1	3.1	2.4	1.0	.8	.2	.0	.0	.0	.0	13.1	9.8	
NNW	1.6	3.2	3.5	3.1	1.3	.5	.1	.0	.0	.0	.0	.0	.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.6	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	7.8	
ALL	11.9	26.3	26.1	17.4	5.1	2.1	.5	.0	.0	.0	.0	100.0	7.8	

TOTAL NO. OF OBS : 1270

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : JAN
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																TOTAL	MEAN
16 PT.	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	SPEED		
DIR.																	
N	.9	2.8	2.2	1.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	7.6	7.5		
NNE	.7	.9	1.8	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	4.6	8.7		
NE	.1	.9	1.6	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	3.5	9.2		
ENE	.3	1.1	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	6.5		
E	.2	.7	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.6		
ESE	.2	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.9		
SE	.5	.3	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.7		
SSE	.5	1.5	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	5.4		
S	1.2	2.0	1.8	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	5.8	7.1		
SSW	.5	1.8	2.4	1.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	6.2	8.6		
SW	.4	1.1	2.4	1.9	.8	.2	.0	.0	.0	.0	.0	.0	.0	6.8	10.6		
WSW	.4	1.1	.9	1.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	3.8	9.0		
W	1.3	2.0	1.7	1.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.3	7.2		
WNW	1.0	2.0	2.1	1.9	.6	.2	.2	.0	.0	.0	.0	.0	.0	8.0	9.6		
NW	1.7	2.8	2.8	2.0	1.6	.8	.2	.2	.0	.0	.0	.0	.0	12.2	10.8		
NNW	1.1	4.3	3.8	2.7	1.3	.7	.0	.0	.0	.0	.0	.0	.0	13.9	9.6		
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.5	.0		
ALL	10.9	26.3	25.6	16.5	5.5	2.0	.4	.2	.0	.0	.0	.0	.0	100.0	7.7		

TOTAL NO. OF OBS : 1270

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : JAN
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT.		SPEED (KNOTS)																TOTAL		MEAN	
DIR.		1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56									
N		.7	3.2	3.0	1.1	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	8.5	8.0				
NNE		.3	1.7	.8	1.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.2	9.0				
NE		.6	1.3	.9	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	7.6				
ENE		.7	.6	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	6.5				
E		.6	1.7	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	5.4				
ESE		.3	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	7.2				
SE		.6	.4	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	6.3				
SSE		.8	.9	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.9				
S		.4	2.0	1.6	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	7.1				
SSW		.9	1.8	1.8	1.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	8.0				
SW		.5	1.5	2.1	2.4	.9	.2	.1	.0	.0	.0	.0	.0	.0	.0	7.7	11.0				
WSW		1.3	1.5	.9	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	6.7				
W		1.3	2.0	1.3	1.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	7.6				
WNW		1.3	2.0	2.1	1.6	1.1	.4	.2	.0	.0	.0	.0	.0	.0	.0	8.7	10.1				
NW		1.4	4.0	2.1	2.9	.9	.8	.2	.1	.0	.0	.0	.0	.0	.0	12.4	10.2				
NNW		1.1	3.1	3.6	2.6	1.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	11.9	9.6				
VAR		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CLM		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
ALL		12.9	27.9	22.7	17.2	5.5	2.0	.5	.1	.0	.0	.0	.0	.0	.0	100.0	7.7				

TOTAL NO. OF OBS : 1271

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : JAN
 CLASS : ALL WEATHER HOUR : 1000 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	2	3	4	5	6		
N	.9	1.8	3.6	2.4	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.8	9.8
NNE	.3	1.8	2.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	8.2
NE	.6	1.1	1.2	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	7.4
ENE	.4	1.3	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	6.2
E	.5	1.3	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.5
ESE	.2	1.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.6
SE	.6	1.2	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	6.1
SSE	.3	.9	1.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	6.9
S	.6	1.2	1.0	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	7.8
SSW	.4	1.3	1.7	1.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	9.2
SW	.8	1.8	2.1	2.8	1.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1	10.9
WSW	.2	1.3	1.7	1.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	9.9
W	1.1	1.5	2.1	1.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	8.7
WNW	.5	2.1	2.7	1.6	.9	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	8.1	10.2
NW	.8	3.2	3.2	5.5	2.0	1.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.6	12.3
NNW	.6	2.0	3.3	2.1	.9	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1	10.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	.0
ALL	8.8	25.0	28.6	21.9	6.8	3.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	100.0	9.0

TOTAL NO. OF OBS : 1270

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : JAN
 CLASS : ALL WEATHER HOUR : 1300 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT.	1	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN
DIR.	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	%	SPEED
N	.8	2.1	2.2	1.7	.6	.1	.0	.0	.0	.0	.0	.0	.0	7.6	9.1	
NNE	.2	2.6	2.1	1.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	6.5	8.5	
NE	.6	2.4	1.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	6.8	
ENE	.6	1.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.9	
E	.8	1.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	5.3	
ESE	.6	2.3	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	5.2	
SE	.6	2.1	1.9	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	5.6	7.5	
SSE	.2	1.3	1.4	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	7.8	
S	.2	.4	1.3	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.1	9.7	
SSW	.1	.7	2.4	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	4.3	9.2	
SW	.2	1.1	2.3	2.3	.7	.2	.0	.0	.0	.0	.0	.0	.0	6.8	11.3	
WSW	.2	1.2	1.1	1.9	1.0	.2	.0	.0	.0	.0	.0	.0	.0	5.6	11.7	
W	.1	1.1	2.3	1.7	.6	.2	.0	.0	.0	.0	.0	.0	.0	6.0	11.2	
WNW	.6	1.3	2.0	2.4	1.0	.5	.2	.0	.0	.0	.0	.0	.0	8.0	11.6	
NW	.5	2.1	3.1	5.8	2.2	1.9	.1	.1	.0	.0	.0	.0	.0	15.8	13.3	
NNW	.9	2.6	3.3	2.9	.9	.2	.0	.0	.0	.0	.0	.0	.0	10.7	9.4	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	.0	
ALL	7.1	25.8	28.5	23.7	7.9	3.3	.2	.2	.0	.0	.0	.0	.0	100.0	9.5	

TOTAL NO. OF OBS : 1270

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUMENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : JAN
 CLASS : ALL WEATHER HOUR : 1600 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	WIND	SPEED				
N	1.1	2.1	2.6	1.6	.6	.2	.0	.0	.0	.0	.0	.0	8.2	8.9				
NNE	1.0	2.4	1.7	.9	.3	.1	.0	.0	.0	.0	.0	.0	6.3	7.5				
NE	.9	2.6	1.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	5.1	5.7				
ENE	.6	1.3	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.3				
E	.8	1.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.5				
ESE	.6	1.7	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.7	5.1				
SE	1.3	2.8	3.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	8.2	6.6				
SSE	1.0	2.0	3.3	.6	.2	.0	.0	.0	.0	.0	.0	.0	7.1	7.3				
S	.4	1.2	1.4	.6	.1	.0	.0	.0	.0	.0	.0	.0	3.7	7.7				
SSW	.6	.7	1.1	1.1	.1	.0	.0	.0	.0	.0	.0	.0	3.5	8.6				
SW	.4	1.4	1.8	1.7	.2	.0	.0	.0	.0	.0	.0	.0	5.5	9.0				
WSW	.2	1.1	1.8	1.1	.0	.1	.0	.0	.0	.0	.0	.0	4.3	8.9				
W	.2	1.6	2.6	1.7	.3	.4	.0	.0	.0	.0	.0	.0	6.9	10.1				
WNW	.0	.8	2.4	1.9	.9	.1	.0	.0	.0	.0	.0	.0	6.0	11.6				
NW	.5	2.4	3.2	4.5	2.3	1.0	.2	.1	.0	.0	.0	.0	14.3	12.7				
NNW	.3	2.0	3.1	1.8	.8	.1	.0	.0	.0	.0	.0	.0	8.0	9.5				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
ALL	10.0	27.2	30.9	18.4	5.8	1.9	.2	.1	.0	.0	.0	.0	100.0	8.3				

TOTAL NO. OF OBS : 1270

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : JAN
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	2	3	4	5	6		
N	.9	3.4	2.4	1.7	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1	8.6
NNE	.6	1.5	1.0	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	7.9
N	.9	1.0	.9	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	6.6
ENE	.4	.4	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.9
E	.5	.5	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.7
ESE	.2	.6	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.5
SE	1.1	1.4	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	5.7
SSE	1.2	3.0	1.4	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	6.2
S	3.3	3.4	1.8	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1	5.4
SSW	.6	1.6	2.5	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	8.0
SW	.4	1.0	1.3	1.8	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	10.0
WSW	.3	.7	1.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	8.8
W	.8	2.1	.9	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	7.3
WNW	.6	2.1	1.6	1.8	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	9.9
NW	.9	1.8	2.0	2.5	1.8	.9	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	10.5	12.8
NNW	1.0	2.6	2.0	1.7	.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	9.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.6	.0
ALL	13.7	27.1	21.2	14.3	6.1	1.3	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	100.0	7.1

TOTAL NO. OF OBS : 1271

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED
LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JAN
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																TOTAL	MEAN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
16 PT. 1 1 - 31 4 - 61 7-101 11-161 17-211 22-271 28-331 34-401 41-471 48-551 >=561																%	WIND																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
DIR.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467	1468	1469	1470	1471	1472	1473	1474	1475	1476	1477	1478	1479	1480	1481	1482	1483

TOTAL NO. OF OBS : 1271

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : JAN
 HOUR : ALL

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	3	4	5	6	7	8	9
N	1.0	2.5	2.6	1.6	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	8.4
NNE	.5	1.6	1.4	.9	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	8.5
NE	.6	1.4	1.2	.5	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	7.3
ENE	.5	.9	.5	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	6.2
E	.5	1.0	.4	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.7
ESE	.4	1.0	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.5
SE	.8	1.3	1.2	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	6.4
SSE	.6	1.7	1.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.7
S	1.1	2.0	1.6	.6	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	6.9
SSW	.5	1.5	2.1	1.3	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	8.6
SW	.5	1.3	2.0	2.2	.7	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	10.3
WSW	.4	1.2	1.4	1.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	9.1
W	.9	1.8	1.8	1.2	.3	.1	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	6.1	8.4
WNW	.7	1.7	2.0	1.9	.9	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	7.6	10.4
NW	1.0	2.7	2.7	3.6	1.7	1.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	13.1	11.9
NNW	1.0	2.8	3.2	2.4	1.0	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.8	9.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.6	.0
ALL	11.0	26.4	25.8	18.4	6.1	2.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	100.0	8.1

TOTAL NO. OF OBS : 10163

NOTES :
 * = PERCENT < .05

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JAN
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/2	>=1	1/4	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	20.0	49.8	51.3	51.8	52.0	52.2	52.4	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6
>=20000	20.4	53.0	54.4	54.9	55.2	55.4	55.6	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8
>=18000	20.4	53.0	54.5	55.0	55.3	55.5	55.7	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9
>=16000	20.4	53.1	54.6	55.0	55.4	55.6	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0
>=14000	20.9	53.8	55.3	55.8	56.1	56.3	56.5	56.5	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7
>=12000	21.2	55.0	56.5	56.9	57.3	57.5	57.7	57.7	57.7	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9
>=10000	21.7	58.0	59.7	60.2	60.5	60.8	60.9	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2
>=9000	22.0	58.6	60.4	60.9	61.2	61.4	61.6	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
>=8000	22.4	62.7	64.6	65.1	65.4	65.7	65.9	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
>=7000	22.8	64.1	66.1	66.6	66.9	67.3	67.4	67.5	67.5	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7
>=6000	23.1	64.9	66.9	67.4	67.7	68.1	68.2	68.3	68.3	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5
>=5000	23.7	66.7	68.9	69.6	70.0	70.3	70.5	70.6	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8
>=4500	23.8	68.1	70.3	71.3	71.6	72.0	72.3	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
>=4000	24.0	69.6	72.0	73.2	73.6	74.0	74.3	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
>=3500	24.2	70.4	72.9	74.2	74.7	75.1	75.3	75.5	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
>=3000	24.5	71.7	74.6	76.0	76.7	77.2	77.4	77.6	77.6	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8
>=2500	24.6	73.4	76.9	78.7	79.4	80.0	80.3	80.4	80.4	80.4	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8
>=1800	24.6	73.9	77.5	79.3	80.0	80.7	80.9	81.1	81.1	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4
>=1500	24.8	75.1	78.8	80.7	81.5	82.1	82.5	82.7	82.7	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
>=1200	24.8	75.4	79.2	81.2	82.2	82.8	83.2	83.5	83.5	83.5	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
>=1000	24.8	75.9	79.7	81.9	83.1	83.9	84.7	85.0	85.0	85.0	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
>=900	24.8	76.1	80.0	82.3	83.8	84.6	85.4	85.7	85.7	85.7	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
>=800	24.8	76.4	80.4	82.9	84.7	85.5	86.3	86.7	86.7	86.7	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
>=700	24.9	76.8	81.0	83.6	85.5	86.3	87.1	87.5	87.5	87.5	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
>=600	24.9	77.0	81.3	83.9	85.9	86.7	87.8	88.3	88.3	88.3	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4
>=500	24.9	77.2	81.6	84.4	86.9	87.9	89.2	89.9	89.9	89.9	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
>=400	24.9	77.3	81.9	85.0	87.9	88.9	90.4	91.3	91.3	91.3	92.1	92.5	92.5	92.5	92.7	92.7	92.7	92.7
>=300	24.9	77.5	82.3	85.7	88.9	90.1	92.0	93.0	93.1	93.1	94.3	95.0	95.0	95.0	95.4	95.4	95.4	95.4
>=200	24.9	77.6	82.5	86.0	89.3	90.5	92.8	93.8	93.8	93.8	95.2	95.8	95.8	95.8	96.4	96.4	96.4	96.4
>=100	24.9	77.6	82.5	86.0	89.3	90.5	92.9	93.9	93.9	93.9	95.3	95.9	95.9	95.9	97.0	97.0	97.0	97.0
>=0	24.9	77.6	82.5	86.0	89.3	90.5	92.9	93.9	93.9	93.9	95.3	96.0	96.0	96.1	97.1	97.2	98.4	100.0

TOTAL NO. OF OBS : 1252

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JAN
HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMITED	19.2	49.2	50.2	50.9	51.4	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
>=20000	19.6	52.6	53.5	54.3	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
>=18000	19.6	52.7	53.7	54.5	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
>=16000	19.6	52.7	53.7	54.5	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
>=14000	20.0	53.4	54.3	55.1	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
>=12000	20.2	54.2	55.1	56.1	56.6	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
>=10000	20.9	57.1	58.5	59.4	60.0	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
>=9000	21.0	57.5	58.9	59.8	60.4	60.5	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
>=8000	21.5	61.6	63.1	64.1	64.7	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
>=7000	21.6	63.3	64.9	66.0	66.5	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
>=6000	22.0	64.5	66.1	67.3	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
>=5000	22.4	66.1	67.7	68.9	69.5	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
>=4500	22.5	67.7	69.6	70.9	71.6	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
>=4000	22.9	69.5	71.6	73.2	73.9	74.0	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
>=3500	23.0	70.1	72.3	73.9	74.7	74.8	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
>=3000	23.2	71.8	74.2	75.9	76.8	76.9	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
>=2500	23.3	73.6	76.0	77.8	78.7	78.8	79.2	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5
>=2000	23.5	74.5	77.3	79.2	80.2	80.4	80.7	80.8	80.9	80.9	81.0	81.0	81.1	81.1	81.1	81.2
>=1800	23.5	74.7	77.5	79.5	80.4	80.6	80.9	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.4
>=1500	23.5	75.2	78.2	80.4	81.4	81.5	82.0	82.2	82.3	82.3	82.4	82.4	82.5	82.5	82.5	82.6
>=1200	23.6	75.6	78.6	80.9	82.2	82.3	82.8	83.1	83.1	83.2	83.3	83.3	83.4	83.4	83.4	83.5
>=1000	23.6	76.4	79.4	82.1	83.5	83.8	84.3	84.7	84.7	84.9	85.1	85.1	85.2	85.2	85.2	85.4
>=900	23.6	76.6	79.8	82.7	84.3	84.5	85.1	85.4	85.5	85.7	85.9	85.9	86.0	86.0	86.0	86.2
>=800	23.6	76.8	80.2	83.2	84.9	85.3	85.9	86.2	86.3	86.7	87.0	87.0	87.2	87.2	87.2	87.4
>=700	23.7	77.0	80.4	83.5	85.4	85.9	86.4	86.8	86.9	87.5	87.8	87.8	88.1	88.1	88.1	88.3
>=600	23.7	77.2	80.7	83.8	86.0	86.7	87.2	87.6	87.7	88.5	88.7	88.7	89.1	89.1	89.1	89.3
>=500	23.7	77.5	81.2	84.4	87.0	87.7	88.5	89.1	89.1	90.3	90.5	90.5	90.8	90.8	90.8	91.1
>=400	23.7	77.9	81.5	85.1	87.9	89.0	90.0	90.6	90.7	92.1	92.5	92.5	92.9	92.9	92.9	93.1
>=300	23.7	78.0	81.8	85.5	88.8	89.9	91.3	92.3	92.3	94.0	94.4	94.4	94.9	94.9	95.1	95.4
>=200	23.7	78.0	81.8	85.5	88.8	90.1	91.7	92.7	92.7	94.7	95.3	95.4	95.8	95.8	96.2	96.6
>=100	23.7	78.0	81.8	85.5	88.8	90.1	91.7	92.7	92.7	94.9	95.6	95.7	96.3	96.3	97.1	98.2
>=0	23.7	78.0	81.8	85.6	88.9	90.2	91.8	92.7	92.8	95.0	95.8	95.9	96.6	96.7	97.8	100.0

TOTAL NO. OF OBS : 1252

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JAN
CLASS : ALL WEATHER HOUR : 0700 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	15.9	41.0	42.5	43.3	44.0	44.2	44.5	44.6	44.6	44.6	44.6	44.6	44.7	44.7	44.7	44.8
>=20000	16.1	44.2	45.9	47.0	47.8	47.9	48.4	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.7
>=18000	16.2	44.5	46.2	47.2	48.0	48.2	48.6	48.7	48.7	48.7	48.8	48.8	48.9	48.9	48.9	49.0
>=16000	16.4	44.6	46.3	47.4	48.2	48.3	48.8	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.1
>=14000	16.9	45.7	47.4	48.4	49.2	49.4	49.8	49.9	49.9	49.9	50.0	50.0	50.1	50.1	50.1	50.2
>=12000	17.6	47.0	48.6	49.7	50.5	50.6	51.1	51.2	51.2	51.2	51.3	51.3	51.4	51.4	51.4	51.4
>=10000	18.5	50.6	52.5	53.8	54.6	54.8	55.4	55.4	55.4	55.4	55.6	55.6	55.7	55.7	55.7	55.8
>= 9000	18.5	50.9	52.7	54.0	55.0	55.1	55.7	55.8	55.8	55.8	55.9	55.9	56.0	56.0	56.0	56.1
>= 8000	19.5	55.4	57.7	59.2	60.2	60.5	61.1	61.2	61.2	61.2	61.3	61.3	61.4	61.4	61.4	61.5
>= 7000	19.8	56.9	59.6	61.1	62.2	62.5	63.1	63.2	63.2	63.2	63.3	63.3	63.5	63.5	63.5	63.7
>= 6000	20.1	58.5	61.3	62.8	64.0	64.2	64.9	64.9	64.9	64.9	65.1	65.1	65.3	65.3	65.3	65.5
>= 5000	20.5	61.0	63.8	65.5	66.9	67.1	67.7	67.8	67.8	67.8	68.0	68.0	68.1	68.1	68.2	68.4
>= 4500	20.6	62.7	65.7	67.4	68.8	69.0	69.6	69.8	69.8	69.8	70.0	70.0	70.1	70.1	70.3	70.4
>= 4000	21.0	64.4	67.5	69.6	71.0	71.4	72.0	72.2	72.2	72.2	72.4	72.4	72.6	72.6	72.8	72.9
>= 3500	21.4	65.4	68.7	70.8	72.3	72.7	73.3	73.5	73.5	73.6	73.7	73.7	74.0	74.0	74.1	74.3
>= 3000	21.4	67.3	70.8	73.2	74.8	75.3	76.0	76.3	76.3	76.4	76.5	76.5	76.8	76.8	76.9	77.1
>= 2500	21.5	68.1	71.7	74.2	75.9	76.4	77.1	77.4	77.4	77.5	77.6	77.6	77.9	77.9	78.0	78.2
>= 2000	21.6	69.2	73.1	75.8	77.6	78.1	78.8	79.2	79.2	79.4	79.6	79.6	79.8	79.8	80.0	80.1
>= 1800	21.7	69.5	73.4	76.3	78.1	78.6	79.3	79.7	79.7	79.9	80.0	80.0	80.3	80.3	80.4	80.6
>= 1500	21.8	70.2	74.4	77.5	79.6	80.0	80.8	81.2	81.2	81.3	81.5	81.5	81.8	81.8	81.9	82.1
>= 1200	21.9	70.8	75.2	78.3	80.4	80.8	81.7	82.1	82.1	82.4	82.7	82.7	82.9	82.9	83.1	83.2
>= 1000	22.0	71.6	76.0	79.2	81.6	82.2	83.2	83.8	83.8	84.2	84.4	84.4	84.7	84.7	84.8	85.0
>= 900	22.0	71.8	76.3	79.7	82.1	82.8	83.9	84.4	84.4	84.9	85.1	85.1	85.4	85.4	85.5	85.7
>= 800	22.0	71.9	76.5	80.0	82.7	83.4	84.5	85.1	85.1	85.6	85.9	85.9	86.2	86.2	86.3	86.5
>= 700	22.0	72.0	76.9	80.5	83.4	84.2	85.5	86.2	86.2	86.8	87.1	87.1	87.4	87.5	87.6	87.8
>= 600	22.0	72.1	77.1	80.8	84.1	85.0	86.3	87.1	87.2	87.9	88.3	88.3	88.6	88.7	88.8	89.0
>= 500	22.0	72.3	77.5	81.2	84.8	85.9	87.4	88.3	88.5	89.3	89.7	89.7	90.0	90.2	90.4	90.6
>= 400	22.0	72.4	77.6	81.5	85.3	86.9	88.8	90.0	90.2	91.1	91.5	91.5	92.2	92.3	92.6	92.9
>= 300	22.0	72.4	77.6	81.6	85.7	87.4	90.0	91.2	91.4	92.4	93.0	93.0	93.8	93.9	94.3	94.7
>= 200	22.0	72.4	77.7	81.8	86.1	88.0	90.8	92.3	92.5	94.1	94.8	94.8	96.0	96.2	96.7	97.2
>= 100	22.0	72.4	77.7	81.8	86.1	88.0	90.9	92.3	92.6	94.3	95.1	95.1	96.5	96.8	97.7	98.8
>= 0	22.0	72.4	77.7	81.8	86.1	88.0	90.9	92.3	92.6	94.3	95.1	95.1	96.6	96.9	97.8	100.0

TOTAL NO. OF OBS : 1252

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : JAN
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)																
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0	>=0	>=0
UNLIMITED	18.7	40.0	41.6	42.1	42.4	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
>=20000	19.8	44.5	46.3	46.9	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
>=18000	19.8	44.6	46.4	47.0	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
>=16000	20.0	44.8	46.6	47.1	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
>=14000	21.2	46.7	48.6	49.2	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
>=12000	22.2	48.7	50.9	51.5	51.9	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
>=10000	23.7	52.6	55.1	55.8	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
>= 9000	24.2	53.8	56.2	56.9	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
>= 8000	25.4	57.9	60.6	61.5	62.3	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
>= 7000	25.7	59.4	62.2	63.1	63.9	64.0	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
>= 6000	26.0	60.7	63.8	64.9	65.7	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
>= 5000	26.5	63.5	66.7	67.9	68.9	69.1	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
>= 4500	26.6	64.8	68.1	69.6	70.6	70.9	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
>= 4000	27.2	67.0	70.4	72.2	73.3	73.6	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
>= 3500	27.4	67.7	71.4	73.4	74.6	74.9	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
>= 3000	27.9	69.6	73.4	75.5	76.8	77.2	77.7	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
>= 2500	28.1	70.4	74.4	76.6	78.0	78.3	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
>= 2000	28.3	71.5	75.6	77.9	79.3	79.7	80.4	80.6	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
>= 1800	28.3	71.6	75.7	78.0	79.4	79.8	80.5	80.7	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
>= 1600	28.4	72.2	76.6	79.3	81.0	81.6	82.4	82.7	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
>= 1400	28.5	72.7	77.4	80.2	81.9	82.6	83.5	83.8	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
>= 1200	28.6	73.1	77.8	81.1	83.6	84.2	85.3	85.7	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
>= 1000	28.7	73.3	78.1	81.6	84.2	84.9	86.0	86.5	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
>= 900	28.7	73.5	78.4	82.1	84.9	85.7	86.8	87.5	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
>= 800	28.7	74.1	79.1	83.0	86.2	87.0	88.2	88.9	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
>= 700	28.7	74.3	79.4	83.2	86.6	87.5	89.0	89.8	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
>= 600	28.7	74.6	79.8	83.8	87.4	88.6	90.4	91.5	92.1	92.6	92.7	92.9	93.0	93.0	93.0	93.0	93.0
>= 500	28.7	74.6	79.8	84.0	87.8	89.1	91.2	92.7	93.5	94.1	94.2	94.5	94.6	94.7	94.7	94.7	94.7
>= 400	28.7	74.7	80.0	84.1	88.2	89.6	92.0	93.7	94.7	95.5	95.6	96.4	96.5	96.8	96.8	96.8	96.8
>= 300	28.7	74.7	80.0	84.1	88.2	89.6	92.0	93.8	95.1	96.1	96.2	97.3	97.6	98.1	98.1	98.1	98.1
>= 200	28.7	74.7	80.0	84.1	88.2	89.6	92.0	93.8	95.1	96.2	96.3	97.6	97.8	98.6	98.6	98.6	98.6
>= 100	28.7	74.7	80.0	84.1	88.2	89.6	92.0	93.8	95.1	96.2	96.3	97.6	97.8	98.6	98.6	98.6	98.6
>= 0	28.7	74.7	80.0	84.1	88.2	89.6	92.0	93.8	95.1	96.2	96.3	97.6	97.8	98.6	98.6	98.6	98.6

TOTAL NO. OF OBS : 1235

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JAN
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)																
CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.3	42.8	43.4	43.6	43.7	43.8	43.8	43.8	43.8	43.9	43.9	43.9	43.9	43.9	44.0	44.0
>=20000	23.6	47.8	48.5	48.8	48.9	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1
>=18000	23.8	48.5	49.2	49.6	49.6	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.9	49.9
>=16000	24.0	48.7	49.5	49.8	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.1	50.1
>=14000	24.9	50.3	51.1	51.6	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.9	51.9
>=12000	25.8	52.3	53.2	53.8	53.8	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.1	54.1
>=10000	27.2	56.1	57.2	57.8	57.9	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1
>=9000	27.3	56.4	57.5	58.1	58.1	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.4	58.4
>=8000	28.4	61.7	63.3	64.2	64.3	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
>=7000	29.0	64.1	65.8	66.9	67.0	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.4	67.4
>=6000	29.2	64.9	66.7	67.8	68.0	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
>=5000	29.9	67.4	69.6	70.7	70.9	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.3	71.3
>=4500	30.3	68.6	71.1	72.3	72.8	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.2
>=4000	30.9	70.4	73.0	74.4	74.9	75.1	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.4
>=3500	31.2	71.1	73.7	75.1	75.6	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1
>=3000	31.7	74.3	77.0	78.4	79.1	79.3	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8
>=2500	32.1	75.5	78.4	79.8	80.6	80.8	81.1	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.5	81.5
>=2000	32.5	76.6	79.8	81.4	82.4	82.7	83.1	83.2	83.2	83.4	83.5	83.5	83.5	83.5	83.6	83.6
>=1800	32.5	76.8	80.0	81.5	82.6	82.8	83.2	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.7	83.7
>=1500	32.6	77.4	80.9	82.5	83.7	84.0	84.5	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.1	85.1
>=1200	32.9	78.1	82.0	83.6	85.0	85.3	85.9	86.2	86.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6
>=1000	33.0	78.6	82.6	84.5	86.0	86.3	87.3	87.8	87.8	88.1	88.3	88.3	88.3	88.3	88.3	88.3
>=900	33.0	78.8	82.8	84.6	86.2	86.6	87.5	88.1	88.1	88.4	88.6	88.6	88.7	88.7	88.7	88.7
>=800	33.0	78.9	82.8	85.0	86.8	87.1	88.2	88.8	88.8	89.1	89.5	89.5	89.7	89.7	89.8	89.8
>=700	33.0	78.9	83.1	85.5	87.4	87.9	88.9	89.6	89.6	90.0	90.3	90.3	90.7	90.8	90.9	90.9
>=600	33.0	79.0	83.2	85.7	88.0	88.5	90.0	91.0	91.0	91.5	92.0	92.0	92.4	92.5	92.6	92.6
>=500	33.0	79.0	83.3	85.8	88.5	89.2	91.1	92.2	92.3	93.0	93.4	93.5	94.1	94.2	94.3	94.3
>=400	33.0	79.0	83.4	85.9	88.6	89.6	91.7	93.1	93.2	94.1	94.7	94.8	95.4	95.5	95.6	95.6
>=300	33.0	79.1	83.6	86.1	88.8	90.0	92.6	94.2	94.4	95.5	96.4	96.4	97.3	97.4	97.7	97.8
>=200	33.0	79.1	83.6	86.1	88.8	90.0	92.6	94.4	94.7	95.8	96.7	96.8	97.8	97.9	98.4	99.0
>=100	33.0	79.1	83.6	86.1	88.8	90.0	92.6	94.6	94.8	96.0	96.9	97.0	98.2	98.3	99.0	99.9
>=0	33.0	79.1	83.6	86.1	88.8	90.0	92.6	94.6	94.8	96.0	96.9	97.0	98.2	98.3	99.0	100.0

TOTAL NO. OF OBS : 1235

2 - CEILING VS VISIBILITY

013721 : PATUNENT RIVER, MO
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : JAN
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.8	44.1	44.8	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.4	45.4
>=20000	24.0	49.8	50.7	51.4	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7
>=18000	24.1	50.1	51.1	51.7	51.8	51.8	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
>=16000	24.3	50.4	51.5	52.1	52.2	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5
>=14000	25.0	51.9	52.9	53.6	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9
>=12000	26.3	53.9	55.1	55.8	55.9	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
>=10000	27.5	57.2	58.5	59.2	59.3	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6
>= 9000	27.6	57.6	59.0	59.7	59.8	59.8	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
>= 8000	28.6	61.3	63.1	64.1	64.2	64.2	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7
>= 7000	29.1	63.1	65.1	66.4	66.4	66.4	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0
>= 6000	29.2	64.2	66.4	67.8	67.8	67.9	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4
>= 5000	29.5	66.6	69.2	70.6	70.7	70.8	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4
>= 4500	29.8	67.3	70.0	71.6	71.7	71.8	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
>= 4000	30.0	68.9	71.8	73.6	73.9	74.0	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
>= 3500	30.2	70.0	72.9	74.9	75.1	75.2	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8
>= 3000	30.8	72.7	76.1	78.2	79.0	79.1	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6
>= 2500	30.9	73.8	77.5	79.8	80.8	80.9	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6
>= 2000	31.3	75.3	79.2	82.0	83.0	83.1	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0
>= 1800	31.3	75.5	79.4	82.2	83.2	83.4	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2
>= 1500	31.6	76.4	80.4	83.6	84.8	85.1	85.5	85.8	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.0
>= 1200	31.7	76.7	80.9	84.1	85.4	85.8	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8
>= 1000	31.7	76.9	81.3	84.6	86.2	86.7	87.2	87.7	87.7	87.9	88.0	88.0	88.0	88.0	88.1	88.1
>= 900	31.8	77.2	81.7	84.9	86.7	87.2	87.7	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.6	88.6
>= 800	31.8	77.3	82.0	85.4	87.5	88.1	89.0	89.5	89.5	89.9	90.0	90.0	90.1	90.1	90.2	90.2
>= 700	31.8	77.6	82.5	86.1	88.2	88.9	89.9	90.5	90.5	91.1	91.2	91.2	91.4	91.4	91.6	91.7
>= 600	31.8	77.7	82.7	86.5	88.8	89.5	90.7	91.4	91.4	92.1	92.3	92.3	92.6	92.6	92.7	92.8
>= 500	31.8	77.8	82.8	86.6	89.1	90.0	91.3	92.2	92.2	93.1	93.4	93.4	93.8	93.9	94.1	94.2
>= 400	31.8	78.0	83.1	86.9	89.8	90.9	92.5	93.5	94.4	94.4	94.7	94.7	95.3	95.3	95.7	95.8
>= 300	31.8	78.1	83.1	87.1	90.0	91.2	92.8	94.2	94.2	95.4	96.2	96.2	96.9	97.0	97.6	97.7
>= 200	31.8	78.1	83.1	87.1	90.1	91.2	92.9	94.4	94.4	95.6	96.4	96.4	97.7	97.8	98.6	98.8
>= 100	31.8	78.1	83.1	87.1	90.1	91.2	92.9	94.4	94.4	95.6	96.5	96.5	97.9	98.0	99.0	99.5
>= 0	31.8	78.1	83.1	87.1	90.1	91.2	92.9	94.4	94.4	95.6	96.5	96.5	98.0	98.0	99.1	100.0

TOTAL NO. OF OBS : 1222

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER. MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
COMBINATION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JAN
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	20.1	49.8	50.5	50.7	50.9	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.2	51.2
>=20000	20.6	51.9	54.8	55.1	55.3	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6
>=18000	20.6	51.9	54.9	55.2	55.4	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.7	55.7
>=16000	20.7	54.2	55.1	55.5	55.6	55.7	55.7	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9
>=14000	21.3	55.5	56.6	56.9	57.1	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4
>=12000	21.7	56.8	57.9	58.2	58.3	58.4	58.4	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
>=10000	22.4	60.0	61.2	61.6	61.7	61.8	61.9	62.0	62.0	62.1	62.1	62.1	62.1	62.2	62.2	62.3	62.3
>= 9000	22.7	60.8	62.0	62.4	62.5	62.6	62.7	62.8	62.8	62.9	62.9	62.9	62.9	63.0	63.0	63.1	63.1
>= 8000	23.0	63.5	65.0	65.5	65.7	65.8	65.9	65.9	65.9	66.1	66.1	66.1	66.1	66.2	66.2	66.3	66.3
>= 7000	23.3	65.2	66.9	67.5	67.7	67.8	67.9	67.9	67.9	68.1	68.1	68.1	68.1	68.2	68.2	68.3	68.3
>= 6000	23.9	66.9	68.5	69.3	69.4	69.5	69.7	69.7	69.7	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1
>= 5000	24.2	68.5	70.3	71.2	71.5	71.6	71.7	71.8	71.8	72.2	72.2	72.2	72.2	72.3	72.3	72.4	72.4
>= 4500	24.4	69.8	71.9	72.9	73.2	73.3	73.5	73.6	73.6	73.9	74.0	74.0	74.0	74.1	74.1	74.2	74.2
>= 4000	24.8	71.7	73.9	75.1	75.4	75.5	75.8	76.0	76.0	76.3	76.4	76.4	76.4	76.5	76.5	76.6	76.6
>= 3500	25.0	72.7	75.0	76.3	76.6	76.7	77.0	77.2	77.2	77.5	77.6	77.6	77.6	77.7	77.7	77.8	77.8
>= 3000	25.2	75.0	77.8	79.1	79.4	79.5	79.8	80.0	80.0	80.4	80.5	80.5	80.5	80.6	80.6	80.7	80.7
>= 2500	25.4	75.7	78.7	80.1	80.5	80.6	80.9	81.1	81.1	81.5	81.6	81.6	81.6	81.7	81.7	81.8	81.8
>= 2000	25.5	77.0	80.3	81.9	82.3	82.5	82.8	83.1	83.1	83.5	83.6	83.6	83.6	83.7	83.7	83.8	83.8
>= 1800	25.6	77.3	80.6	82.1	82.6	82.7	83.1	83.4	83.4	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0
>= 1500	25.8	78.1	81.5	83.3	83.9	84.1	84.7	85.1	85.1	85.5	85.6	85.6	85.6	85.6	85.6	85.7	85.7
>= 1200	25.8	78.7	82.3	84.4	85.2	85.4	86.0	86.4	86.4	86.8	86.8	86.8	86.8	86.9	86.9	87.0	87.0
>= 1000	25.8	79.1	82.7	85.3	86.5	86.8	87.5	87.9	87.9	88.3	88.4	88.4	88.4	88.4	88.4	88.5	88.5
>= 900	25.8	79.3	83.1	85.8	87.2	87.5	88.2	88.6	88.7	89.1	89.2	89.2	89.2	89.3	89.3	89.4	89.4
>= 800	25.8	79.4	83.2	86.1	87.8	88.1	88.8	89.2	89.3	89.9	90.0	90.0	90.0	90.1	90.1	90.2	90.2
>= 700	25.8	79.4	83.3	86.5	88.4	88.7	89.4	89.8	90.0	90.5	90.6	90.6	90.6	90.8	90.8	90.9	90.9
>= 600	25.8	79.5	83.5	86.9	88.9	89.3	90.1	90.5	90.7	91.4	91.5	91.5	91.5	91.7	91.7	91.7	91.7
>= 500	25.8	79.5	83.6	87.2	89.6	90.2	91.3	92.0	92.1	92.9	93.1	93.1	93.1	93.3	93.4	93.5	93.6
>= 400	25.8	79.5	83.9	87.6	90.6	91.2	92.7	93.5	93.7	94.5	94.7	94.7	94.7	95.1	95.2	95.3	95.4
>= 300	25.8	79.6	84.0	87.8	90.9	91.6	93.3	94.4	94.6	95.7	96.0	96.0	96.0	96.5	96.6	96.9	97.0
>= 200	25.8	79.6	84.0	87.8	90.9	91.7	93.5	94.6	94.9	96.1	96.7	96.7	96.7	97.4	97.4	98.0	98.1
>= 100	25.8	79.6	84.0	87.8	91.0	91.7	93.6	94.8	95.0	96.3	96.9	96.9	96.9	97.7	97.8	98.5	99.0
>= 0	25.8	79.6	84.0	87.8	91.0	91.7	93.6	94.8	95.0	96.3	96.9	96.9	96.9	97.7	97.8	98.7	100.0

TOTAL NO. OF OBS : 1246

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JAN
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	20.7	51.5	52.5	52.9	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4
>=20000	21.3	55.0	56.1	56.5	56.6	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
>=18000	21.3	55.0	56.1	56.5	56.6	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
>=16000	21.3	55.3	56.3	56.7	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2
>=14000	21.4	56.0	57.0	57.4	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.9	57.9
>=12000	21.8	57.3	58.4	58.8	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3
>=10000	22.5	60.5	61.8	62.2	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8
>=9000	22.5	61.2	62.6	63.0	63.1	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6
>=8000	23.1	65.4	67.1	67.6	67.7	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3
>=7000	23.1	66.1	68.0	68.4	68.6	68.8	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2
>=6000	23.3	67.2	69.1	69.6	69.8	70.0	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4
>=5000	23.7	69.3	71.3	72.0	72.2	72.4	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.9	72.9
>=4500	24.0	70.4	72.5	73.3	73.5	73.7	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.3	74.3
>=4000	24.2	71.6	73.7	74.5	74.8	74.9	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.6	75.6
>=3500	24.2	72.2	74.5	75.5	75.8	76.1	76.5	76.6	76.6	76.6	76.6	76.7	76.7	76.8	76.8
>=3000	24.5	74.4	77.1	78.2	78.6	78.8	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.6	79.6
>=2500	24.7	75.4	78.3	79.5	80.1	80.3	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.2	81.2
>=2000	25.0	77.2	80.2	81.5	82.2	82.6	83.2	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5
>=1800	25.1	77.3	80.4	81.7	82.5	82.8	83.5	83.5	83.6	83.6	83.6	83.7	83.7	83.8	83.8
>=1500	25.4	78.0	81.4	82.7	83.5	83.9	84.6	84.7	84.7	84.7	84.7	84.8	84.8	84.9	84.9
>=1200	25.4	78.5	81.9	83.5	84.5	84.8	85.5	85.6	85.8	85.8	85.8	85.9	85.9	85.9	85.9
>=1000	25.4	78.9	82.5	84.3	85.3	85.7	86.6	86.7	86.9	86.9	86.9	87.0	87.0	87.1	87.1
>=900	25.4	79.0	82.6	84.6	85.7	86.1	87.0	87.1	87.3	87.4	87.4	87.5	87.5	87.6	87.6
>=800	25.4	79.0	82.9	85.1	86.3	86.9	88.0	88.2	88.4	88.4	88.4	88.5	88.5	88.6	88.6
>=700	25.5	79.6	83.7	85.9	87.3	88.0	89.1	89.4	89.6	89.6	89.6	89.7	89.7	89.8	89.8
>=600	25.5	79.9	84.1	86.4	87.9	88.6	89.8	90.1	90.4	90.5	90.5	90.6	90.6	90.7	90.7
>=500	25.5	80.1	84.3	86.9	88.5	89.5	90.7	91.2	91.6	91.7	91.7	91.8	91.8	92.0	92.0
>=400	25.5	80.1	84.4	87.3	89.2	90.3	91.6	92.3	93.0	93.3	93.3	93.5	93.5	93.7	93.7
>=300	25.5	80.2	84.7	87.8	90.0	91.2	92.8	93.5	94.5	95.1	95.2	95.4	95.4	95.6	95.7
>=200	25.5	80.2	84.7	88.1	90.3	91.6	93.3	94.1	95.2	96.0	96.1	96.7	96.7	96.9	97.2
>=100	25.5	80.2	84.7	88.1	90.3	91.6	93.3	94.1	95.5	96.5	96.6	97.3	97.3	97.8	98.5
>=0	25.5	80.2	84.7	88.1	90.3	91.6	93.3	94.1	95.6	96.6	96.8	97.7	97.8	98.6	100.0

TOTAL NO. OF OBS : 1245

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD

PERIOD OF RECORD : 1945-1986

CLASS : ALL WEATHER

CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

MONTH : JAN

HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	20.0	46.0	47.1	47.6	47.9	48.0	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2
>=20000	20.6	50.1	51.3	51.9	52.2	52.3	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.6
>=18000	20.7	50.3	51.5	52.1	52.4	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.8
>=16000	20.8	50.5	51.7	52.3	52.6	52.7	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	53.0
>=14000	21.5	51.7	52.9	53.5	53.8	53.9	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2
>=12000	22.1	53.2	54.5	55.1	55.4	55.5	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8
>=10000	23.0	56.5	58.1	58.8	59.1	59.2	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.6	59.6
>=9000	23.2	57.1	58.7	59.3	59.7	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2
>=8000	24.0	61.2	63.1	63.9	64.3	64.5	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.9	64.9
>=7000	24.3	62.8	64.8	65.7	66.2	66.3	66.5	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.8
>=6000	24.6	64.0	66.1	67.1	67.5	67.7	67.9	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.2
>=5000	25.0	66.1	68.4	69.6	70.1	70.2	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.8	70.8
>=4500	25.2	67.4	69.9	71.2	71.7	71.9	72.2	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5
>=4000	25.6	69.1	71.8	73.2	73.9	74.1	74.4	74.5	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.8
>=3500	25.8	70.0	72.7	74.3	74.9	75.2	75.5	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.9	75.9
>=3000	26.1	72.1	75.1	76.8	77.6	77.9	78.3	78.4	78.4	78.5	78.6	78.6	78.6	78.6	78.7	78.7
>=2500	26.3	73.1	76.3	78.1	79.1	79.3	79.7	79.9	79.9	80.0	80.1	80.1	80.2	80.2	80.2	80.3
>=2000	26.5	74.3	77.8	79.8	80.8	81.1	81.6	81.8	81.8	82.0	82.1	82.1	82.1	82.1	82.2	82.2
>=1800	26.6	74.6	78.0	80.1	81.1	81.4	81.9	82.1	82.1	82.3	82.4	82.4	82.4	82.4	82.5	82.5
>=1500	26.7	75.3	79.0	81.2	82.4	82.8	83.4	83.6	83.6	83.8	83.9	83.9	84.0	84.0	84.1	84.1
>=1200	26.8	75.8	79.7	82.0	83.3	83.7	84.4	84.6	84.7	84.9	85.0	85.0	85.1	85.1	85.1	85.2
>=1000	26.8	76.3	80.2	82.9	84.5	84.9	85.8	86.1	86.2	86.4	86.6	86.6	86.7	86.7	86.7	86.8
>=900	26.8	76.5	80.5	83.3	85.0	85.5	86.3	86.7	86.8	87.1	87.2	87.3	87.3	87.3	87.4	87.5
>=800	26.8	76.6	80.8	83.7	85.7	86.3	87.2	87.7	87.7	88.1	88.3	88.3	88.4	88.4	88.5	88.6
>=700	26.9	76.9	81.2	84.3	86.5	87.1	88.0	88.6	88.6	89.1	89.4	89.4	89.5	89.6	89.6	89.7
>=600	26.9	77.1	81.5	84.7	87.0	87.7	88.9	89.5	89.5	90.1	90.4	90.4	90.6	90.6	90.7	90.8
>=500	26.9	77.2	81.8	85.0	87.7	88.6	90.0	90.8	90.8	91.6	91.9	91.9	92.2	92.3	92.4	92.5
>=400	26.9	77.3	81.9	85.4	88.4	89.5	91.1	92.1	92.2	93.1	93.5	93.5	93.9	94.0	94.1	94.2
>=300	26.9	77.4	82.1	85.7	88.9	90.1	92.1	93.3	93.4	94.6	95.2	95.2	95.8	95.9	96.2	96.4
>=200	26.9	77.5	82.2	85.8	89.1	90.3	92.4	93.7	93.9	95.2	96.0	96.0	96.9	97.0	97.5	97.8
>=100	26.9	77.5	82.2	85.8	89.1	90.4	92.5	93.8	93.9	95.4	96.2	96.2	97.3	97.4	98.2	99.0
>=0	26.9	77.5	82.2	85.8	89.1	90.4	92.5	93.8	93.9	95.4	96.3	96.3	97.4	97.6	98.5	100.0

TOTAL NO. OF OBS : 9939

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : FEB
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	%	%	%	%		
N	1.3	2.5	2.7	1.8	.3	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	9.0	8.3
NNE	.4	1.5	.9	1.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	9.0
NE	.3	1.3	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	6.6
ENE	.3	1.3	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.7
E	.7	.6	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	6.5
ESE	.8	1.5	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.1
SE	.8	1.3	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	5.7
SSE	.9	1.3	.8	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	7.4
S	1.0	1.6	2.2	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	7.6
SSW	.8	1.5	1.7	1.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	9.0
SW	.3	.9	2.3	2.2	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	10.5
WSW	1.0	1.0	1.5	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	7.5
W	.6	1.6	1.3	.9	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	8.5
WNW	.9	1.3	1.6	2.0	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	10.1
NW	2.1	2.7	2.8	2.8	1.5	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.6	10.5
NNW	1.3	2.5	3.7	2.9	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.2	9.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.4	.0
ALL	13.7	24.3	25.6	17.9	5.3	1.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	100.0	7.7

TOTAL NO. OF OBS : 1158

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : FEB
 CLASS : ALL WEATHER HOUR : 0400 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	%	%	%	%		
N	1.5	1.5	3.8	1.8	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9	8.4
NNE	.4	.8	1.9	1.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	9.3
NE	.5	1.3	1.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	7.1
ENE	.3	.8	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	6.7
E	1.0	1.3	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.6
ESE	.3	.9	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	6.2
SE	.8	1.3	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.9
SSE	.9	1.1	.7	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	6.7
S	.3	1.0	.9	.4	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	8.6
SSW	.3	1.0	2.6	.9	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	9.1
SW	.4	1.4	1.6	2.3	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	10.6
WSW	.3	.8	1.9	1.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	9.2
W	.8	2.5	1.0	.7	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	7.4
WNW	.9	1.8	2.2	1.7	.9	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.9	10.3
NW	2.0	3.7	2.9	2.2	.8	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.4	9.2
NNW	1.5	3.0	3.8	2.8	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.7	8.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0	.0
ALL	12.2	24.2	28.4	16.7	4.1	1.8	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	7.5

TOTAL NO. OF OBS : 1158

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : FEB
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.		1	1-3	4	- 6	7-10	11-16	17-21	SPEED (KNOTS)					TOTAL		MEAN							
DIR.		1	1-3	4	- 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	1	2	3	4	5	6	7	8	9
N		.7	2.2			2.6	1.6	.3	.0	.0	.0	.0	.0	.0	.0	7.4						8.4	
NNE		.8	.9			1.6	.8	.4	.2	.0	.0	.0	.0	.0	.0	4.7						9.3	
NE		.5	1.6			1.3	.7	.1	.0	.0	.0	.0	.0	.0	.0	4.2						7.3	
ENE		.5	.9			1.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	3.2						6.8	
E		.3	1.4			.8	.3	.1	.0	.0	.0	.0	.0	.0	.0	2.9						6.8	
ESE		.6	.4			.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.8						6.0	
SE		.4	1.4			.9	.3	.1	.0	.0	.0	.0	.0	.0	.0	3.2						7.1	
SSE		.6	.7			.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.4						6.3	
S		.8	.8			.8	.7	.0	.1	.0	.0	.0	.0	.0	.0	3.1						7.6	
SSW		.2	.9			1.6	1.2	.1	.1	.0	.0	.0	.0	.0	.0	4.1						9.3	
SW		1.4	.9			2.1	2.0	.5	.0	.0	.0	.0	.0	.0	.0	6.8						9.0	
WSW		.5	1.5			2.1	.6	.3	.0	.0	.0	.0	.0	.0	.0	4.9						8.1	
W		.9	2.8			1.6	1.0	.1	.1	.0	.0	.0	.0	.0	.0	6.5						7.3	
WNW		1.1	2.4			1.6	1.8	.6	.5	.1	.0	.0	.0	.0	.0	8.2						9.7	
NW		1.9	2.4			2.4	3.5	1.1	.8	.3	.2	.0	.0	.0	.0	12.5						11.0	
NNW		1.5	3.3			3.2	2.6	.5	.1	.1	.0	.0	.0	.0	.0	11.2						8.6	
VAR		.0	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						.0	
CLM		.0	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.6						.0	
ALL		12.7	24.5			26.0	17.5	4.2	1.8	.4	.2	.0	.0	.0	.0	100.0						7.5	

TOTAL NO. OF OBS : 1158

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : FEB
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	1-31	4-61	7-101	11-161	17-211	22-271	28-331	34-401	41-471	48-551	>=561	TOTAL	MEAN WIND SPEED
N	.7	1.8	3.4	1.7	.5	.1	.0	.0	.0	.0	.0	8.2	9.1
NNE	.8	2.2	2.2	1.6	.4	.0	.0	.0	.0	.0	.0	7.1	8.5
NE	.7	2.2	1.5	.6	.3	.0	.0	.0	.0	.0	.0	5.2	7.3
ENE	.3	1.2	.9	.3	.0	.0	.0	.0	.0	.0	.0	2.8	6.7
E	.9	2.2	.9	.0	.0	.0	.0	.0	.0	.0	.0	4.1	5.1
ESE	.2	1.2	.3	.0	.1	.0	.0	.0	.0	.0	.0	1.8	6.1
SE	.5	1.7	1.7	.9	.3	.0	.0	.0	.0	.0	.0	5.1	7.7
SSE	.2	1.1	.9	.9	.1	.0	.0	.0	.0	.0	.0	3.2	8.3
S	.3	.9	.7	.7	.3	.0	.0	.0	.0	.0	.0	2.8	9.1
SSW	.3	1.2	.9	1.6	.2	.0	.0	.0	.0	.0	.0	4.1	9.5
SW	.5	.9	2.7	2.0	.4	.3	.0	.0	.0	.0	.0	6.7	10.4
WSW	.3	1.2	1.4	1.6	1.1	.0	.0	.0	.0	.0	.0	5.5	11.1
W	.6	1.3	1.6	1.3	.3	.1	.0	.0	.0	.0	.0	5.3	9.4
WNW	.5	1.8	2.0	1.6	1.1	.7	.3	.1	.0	.0	.0	8.2	12.3
W	.5	2.8	4.5	4.9	2.5	1.4	.4	.1	.0	.0	.0	17.2	12.7
MMW	.3	1.5	3.3	2.5	.7	.3	.2	.0	.0	.0	.0	8.6	11.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	.0
ALL	7.4	25.2	28.8	22.1	8.3	2.8	.9	.2	.0	.0	.0	100.0	9.5

TOTAL NO. OF OBS : 1158

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : FEB
 CLASS : ALL WEATHER HOUR : 1300 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. 1		1 - 3	4 - 6	7-10	11-16	17-21	SPEED (KNOTS)					TOTAL		MEAN	
DIR.		1	2	3	4	5	6	7	8	9	10	11	12	13	WIND SPEED
N	.9	2.0	2.8	1.9	.3	.1	.0	.0	.0	.0	.0	.0	.0	8.0	8.6
NNE	.8	1.9	2.8	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	6.6	7.8
NE	.9	2.2	2.2	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.1	7.2
ENE	.7	1.7	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.8
E	.7	1.6	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.8
ESE	.6	1.8	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.7
SE	.3	2.5	4.2	2.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	9.4	8.7
SSE	.3	.9	1.7	1.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	5.0	9.5
S	.0	.7	.9	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.9	9.9
SSW	.2	.7	1.2	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	3.2	10.2
SW	.0	.5	1.7	2.2	.9	.3	.0	.0	.0	.0	.0	.0	.0	5.5	12.7
WSW	.1	.6	1.3	1.1	.4	.1	.0	.0	.0	.0	.0	.0	.0	3.6	11.1
W	.0	.7	2.3	2.1	.7	.2	.0	.0	.0	.0	.0	.0	.0	6.0	11.6
WNW	.0	.9	1.5	2.6	1.9	1.4	.5	.0	.0	.0	.0	.0	.0	8.7	15.7
NW	.3	1.6	2.8	5.4	2.5	1.6	.3	.0	.0	.0	.0	.0	.0	14.3	13.9
NNW	.4	1.7	2.9	3.0	.6	.2	.1	.0	.0	.0	.0	.0	.0	9.0	10.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	.0
ALL	6.2	21.9	30.6	26.3	8.5	4.0	.9	.0	.0	.0	.0	.0	.0	100.0	10.2

TOTAL NO. OF OBS : 1158

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
CLASS : ALL WEATHER HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	3	4	5	6	7		
N	.9	2.2	2.2	1.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9	7.9
NNE	.3	2.8	3.2	.9	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	8.0
NE	.9	2.8	1.8	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	6.3
ENE	.7	.3	.9	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	8.5
E	.8	.9	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.6
ESE	.9	1.9	.8	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	6.0
SE	.9	4.2	5.4	1.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.3	7.6
SSE	.5	1.9	3.7	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.2	9.0
S	.0	.4	.9	1.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	10.7
SSW	.0	.8	.6	1.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	10.2
SW	.0	.2	1.0	1.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	12.6
WSW	.3	.3	1.4	1.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	10.2
W	.0	1.1	1.5	1.6	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	10.6
WNW	.3	.2	1.4	2.6	1.2	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	14.4
NW	.5	1.3	3.5	4.2	2.3	1.7	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	14.1	14.1
NNW	.4	1.5	3.1	2.8	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7	10.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	.0
ALL	7.7	22.8	32.2	24.2	6.5	3.3	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	100.0	9.6

TOTAL NO. OF OBS : 1158

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : FEB
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL	MEAN
												%	SPEED
N	1.4	3.2	2.3	1.6	.3	.1	.0	.1	.0	.0	.0	9.0	8.0
NNE	1.1	1.1	1.7	.3	.1	.1	.1	.0	.0	.0	.0	4.6	7.4
NE	.7	.9	.6	.4	.3	.0	.0	.0	.0	.0	.0	2.9	7.7
ENE	.5	1.3	.8	.2	.0	.0	.0	.0	.0	.0	.0	2.8	5.9
E	.9	.3	1.0	.3	.1	.0	.0	.0	.0	.0	.0	2.6	7.0
ESE	.4	.6	.3	.2	.0	.0	.0	.0	.0	.0	.0	1.6	5.9
SE	1.2	2.3	2.1	.5	.2	.1	.0	.0	.0	.0	.0	6.4	6.9
SSE	1.1	4.8	2.5	.7	.0	.0	.0	.0	.0	.0	.0	9.1	6.3
S	1.2	3.5	2.5	.9	.2	.0	.0	.0	.0	.0	.0	8.3	7.1
SSW	.7	1.0	1.1	1.1	.0	.1	.0	.0	.0	.0	.0	4.0	8.3
SW	.6	1.1	1.1	1.2	.2	.2	.0	.0	.0	.0	.0	4.4	8.8
WSW	.4	.7	.3	.4	.2	.0	.0	.0	.0	.0	.0	2.1	8.2
W	.7	.8	.9	.1	.0	.0	.0	.0	.0	.0	.0	2.4	5.8
WNW	.7	1.0	1.7	2.2	1.0	.4	.3	.0	.0	.0	.0	7.3	12.0
NW	1.0	1.6	2.9	2.9	1.0	1.0	.2	.2	.0	.0	.0	10.8	11.9
NNW	2.0	2.2	2.6	2.6	.1	.3	.2	.0	.0	.0	.0	9.9	8.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0	.0
ALL	14.7	26.4	24.6	15.7	3.5	2.2	.7	.3	.0	.0	.0	100.0	7.4

TOTAL NO. OF OBS : 1156

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : FEB
 CLASS : ALL WEATHER HOUR : 2200 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)													
16 PT. 1 - 3 4 - 6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 >56 TOTAL MEAN													
DIR.													
N	.7	2.6	2.5	2.0	.6	.2	.0	.0	.0	.0	.0	8.6	9.2
NNE	.6	1.2	1.0	.6	.1	.0	.0	.0	.0	.0	.0	3.5	7.1
NE	.7	1.0	1.0	.6	.2	.0	.0	.0	.0	.0	.0	3.4	7.6
ENE	.3	1.0	.7	.4	.0	.0	.0	.0	.0	.0	.0	2.4	6.9
E	1.0	1.0	.7	.3	.0	.0	.0	.0	.0	.0	.0	2.9	5.9
ESE	.8	1.3	.7	.0	.1	.0	.0	.0	.0	.0	.0	2.9	5.7
SE	1.2	1.8	1.4	1.0	.1	.0	.0	.0	.0	.0	.0	5.4	6.8
SSE	.4	2.7	2.2	.3	.2	.0	.0	.0	.0	.0	.0	5.7	6.8
S	1.6	2.2	2.5	1.3	.1	.0	.0	.0	.0	.0	.0	7.7	7.0
SSW	.5	1.5	2.3	.6	.4	.0	.0	.0	.0	.0	.0	5.4	8.2
SW	.7	1.2	.8	1.6	.6	.1	.0	.0	.0	.0	.0	5.0	10.1
WSW	.2	.3	.7	.6	.0	.1	.0	.0	.0	.0	.0	1.9	10.0
W	.7	1.4	1.4	.9	.2	.0	.0	.0	.0	.0	.0	4.5	8.0
WNW	.7	1.9	1.5	1.8	.8	.3	.1	.0	.0	.0	.0	7.1	10.5
NW	1.4	2.6	2.4	2.7	1.5	.9	.4	.1	.0	.0	.0	11.9	11.6
NNW	1.6	2.4	3.1	2.2	.3	.2	.1	.0	.0	.0	.0	9.9	8.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.8	.0
ALL	13.0	26.1	24.7	16.9	5.1	1.6	.6	.2	.0	.0	.0	100.0	7.6

TOTAL NO. OF OBS : 1156

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

Q13721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : FEB
 CLASS : ALL WEATHER HOUR : ALL
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	2	3	4	5	6	WIND	SPEED
N	1.0	2.3	2.8	1.7	.3	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	8.3	8.5
NNE	.7	1.5	1.9	.9	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	8.3
NE	.7	1.7	1.3	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	7.1
ENE	.4	1.1	1.0	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	6.7
E	.8	1.2	.8	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.0
ESE	.6	1.2	.6	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.8
SE	.8	2.1	2.2	.8	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	7.4
SSE	.6	1.8	1.7	1.0	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	7.6
S	.7	1.4	1.4	.9	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	8.0
SSW	.4	1.1	1.5	1.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	9.1
SW	.5	.9	1.7	1.9	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	10.5
WSW	.4	.8	1.3	.9	.3	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	9.5
W	.5	1.5	1.5	1.1	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	8.8
WNW	.6	1.4	1.7	2.1	1.0	.6	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	7.6	11.9
NW	1.2	2.3	3.0	3.6	1.7	1.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	13.2	12.0
NNW	1.1	2.3	3.2	2.7	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0	9.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	11.0	24.4	27.6	19.7	5.7	2.4	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	100.0	8.4

TOTAL NO. OF OBS : 9260

NOTES :
 * = PERCENT < .05

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : FEB
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMITED	20.4	50.2	51.8	52.2	52.8	52.8	53.0	53.2	53.3	53.5	53.5	53.5	53.5	53.7	53.7
>=20000	20.8	53.2	54.8	55.2	56.0	56.1	56.3	56.4	56.4	56.5	56.8	56.8	56.8	57.0	57.0
>=18000	20.8	53.2	54.8	55.2	56.0	56.1	56.3	56.4	56.4	56.5	56.8	56.8	56.8	57.0	57.0
>=16000	20.9	53.4	55.0	55.4	56.2	56.3	56.4	56.6	56.6	56.7	57.0	57.0	57.0	57.1	57.1
>=14000	20.9	53.7	55.3	55.7	56.6	56.7	56.9	57.1	57.1	57.1	57.4	57.4	57.4	57.6	57.6
>=12000	21.5	55.0	56.6	57.1	57.9	58.0	58.2	58.4	58.5	58.7	58.7	58.7	58.7	58.9	59.0
>=10000	22.0	57.9	59.9	60.3	61.3	61.4	61.6	61.9	62.1	62.3	62.3	62.3	62.3	62.5	62.6
>=9000	22.2	58.9	60.9	61.3	62.4	62.5	62.7	62.9	63.1	63.4	63.4	63.4	63.4	63.5	63.6
>=8000	22.3	60.9	63.0	63.5	64.6	64.7	64.9	65.1	65.3	65.6	65.6	65.6	65.6	65.7	65.8
>=7000	22.8	62.4	64.6	65.3	66.3	66.4	66.6	66.9	67.0	67.3	67.3	67.3	67.3	67.5	67.6
>=6000	23.5	63.9	66.2	66.9	68.0	68.1	68.3	68.5	68.7	69.0	69.0	69.0	69.0	69.1	69.2
>=5000	23.8	65.4	67.8	68.5	69.7	69.8	70.0	70.3	70.5	70.7	70.7	70.7	70.7	70.9	71.0
>=4500	24.3	67.0	70.1	70.8	72.0	72.1	72.4	72.7	72.8	73.1	73.1	73.1	73.1	73.3	73.4
>=4000	24.5	69.1	72.5	73.3	74.4	74.7	74.9	75.2	75.4	75.6	75.6	75.6	75.6	75.8	75.9
>=3500	24.5	69.6	73.0	73.8	74.9	75.2	75.5	75.8	76.0	76.2	76.2	76.2	76.2	76.4	76.5
>=3000	24.7	71.7	75.3	76.2	77.5	77.8	78.2	78.5	78.8	79.1	79.1	79.1	79.1	79.2	79.3
>=2500	24.8	72.7	76.4	77.5	78.7	79.1	79.5	79.8	80.1	80.4	80.4	80.4	80.4	80.5	80.6
>=2000	25.2	74.1	78.0	79.3	80.7	81.2	81.5	81.9	82.1	82.4	82.4	82.4	82.4	82.6	82.6
>=1800	25.2	74.1	78.0	79.3	80.8	81.2	81.6	81.9	82.2	82.5	82.5	82.5	82.5	82.6	82.7
>=1500	25.3	74.6	78.8	80.2	81.9	82.4	82.7	83.1	83.4	83.7	83.7	83.7	83.7	83.9	84.0
>=1200	25.3	74.9	79.3	80.7	82.5	82.9	83.3	83.7	84.0	84.3	84.3	84.3	84.3	84.5	84.7
>=1000	25.3	75.6	80.0	81.6	83.5	84.0	84.6	85.0	85.5	85.7	85.7	85.7	85.7	85.9	86.1
>=900	25.3	75.9	80.5	82.1	84.1	84.7	85.3	85.7	86.2	86.4	86.4	86.4	86.4	86.6	86.8
>=800	25.3	76.2	80.7	82.4	84.6	85.2	86.0	86.4	86.9	87.2	87.2	87.2	87.2	87.4	87.6
>=700	25.3	76.2	80.9	82.6	84.9	85.5	86.3	86.8	87.2	87.6	87.6	87.6	87.6	87.7	87.9
>=600	25.4	76.3	81.2	83.1	85.5	86.2	87.1	87.6	88.0	88.5	88.5	88.6	88.6	88.8	89.0
>=500	25.4	76.5	81.5	83.6	86.3	87.3	88.4	89.0	89.5	90.0	90.0	90.1	90.1	90.3	90.4
>=400	25.4	76.8	81.8	84.3	87.4	88.3	89.9	90.6	91.1	91.7	91.7	91.9	92.0	92.2	92.4
>=300	25.4	76.9	81.9	84.8	88.1	89.1	90.9	91.8	92.7	93.4	93.4	93.7	93.8	94.0	94.1
>=200	25.4	77.0	82.0	84.9	88.4	89.7	91.7	92.7	93.8	94.9	95.0	95.5	95.7	95.9	96.1
>=100	25.4	77.0	82.0	84.9	88.4	89.7	91.8	92.8	94.2	95.6	95.7	96.6	96.8	97.8	98.4
>= 0	25.4	77.0	82.0	84.9	88.4	89.7	91.8	92.8	94.2	95.6	95.7	96.7	96.8	98.2	100.0

TOTAL NO. OF OBS : 1141

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : FEB
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMITED	19.5	49.4	50.7	51.6	52.2	52.2	52.3	52.3	52.3	52.3	52.4	52.4	52.6	52.6	52.6	52.7
>=20000	19.9	52.9	54.3	55.4	55.9	55.9	56.1	56.3	56.3	56.3	56.4	56.4	56.5	56.5	56.5	56.6
>=18000	19.9	53.0	54.5	55.6	56.1	56.1	56.3	56.5	56.5	56.5	56.5	56.5	56.7	56.7	56.7	56.8
>=16000	20.0	53.1	54.6	55.7	56.2	56.2	56.4	56.5	56.5	56.5	56.6	56.6	56.8	56.8	56.8	56.9
>=14000	20.4	53.6	55.1	56.2	56.7	56.7	56.9	57.1	57.1	57.1	57.2	57.2	57.3	57.3	57.3	57.4
>=12000	20.8	54.8	56.5	57.5	58.0	58.0	58.2	58.4	58.4	58.4	58.5	58.5	58.6	58.6	58.6	58.7
>=10000	21.2	57.2	58.8	60.0	60.6	60.6	60.8	60.9	60.9	60.9	61.0	61.0	61.2	61.2	61.2	61.3
>= 9000	21.5	57.8	59.4	60.6	61.2	61.2	61.5	61.6	61.6	61.6	61.7	61.7	61.9	61.9	61.9	62.0
>= 8000	21.8	60.4	62.2	63.6	64.2	64.3	64.5	64.7	64.7	64.7	64.8	64.8	65.0	65.0	65.0	65.1
>= 7000	22.5	61.7	63.7	65.1	65.7	65.8	66.0	66.2	66.2	66.2	66.3	66.3	66.5	66.5	66.5	66.5
>= 6000	23.2	63.7	65.8	67.2	67.8	67.9	68.1	68.3	68.3	68.3	68.4	68.4	68.7	68.7	68.7	68.7
>= 5000	23.5	65.4	67.5	69.1	70.0	70.1	70.5	70.7	70.7	70.7	70.8	70.9	71.2	71.2	71.2	71.3
>= 4500	23.7	66.8	69.0	70.6	71.5	71.6	72.0	72.2	72.2	72.3	72.3	72.4	72.7	72.7	72.7	72.8
>= 4000	24.0	68.4	70.7	72.3	73.3	73.4	73.8	74.1	74.1	74.2	74.3	74.4	74.6	74.6	74.6	74.7
>= 3500	24.1	69.2	71.5	73.2	74.3	74.4	74.8	75.1	75.1	75.2	75.2	75.3	75.6	75.6	75.6	75.7
>= 3000	24.1	70.7	73.3	75.3	76.6	76.6	77.1	77.3	77.3	77.4	77.5	77.6	77.9	77.9	77.9	78.0
>= 2500	24.2	71.7	74.5	76.6	78.0	78.1	78.7	78.9	78.9	79.0	79.1	79.2	79.5	79.5	79.5	79.6
>= 2000	24.7	73.0	76.2	78.4	79.8	80.1	80.9	81.1	81.1	81.2	81.3	81.4	81.7	81.7	81.7	81.9
>= 1800	24.8	73.4	76.6	78.8	80.2	80.5	81.3	81.6	81.6	81.7	81.7	81.8	82.2	82.2	82.2	82.4
>= 1500	25.0	73.9	77.3	79.6	81.3	81.7	82.5	82.9	82.9	83.1	83.1	83.2	83.6	83.6	83.6	83.8
>= 1200	25.0	74.3	77.7	80.2	82.0	82.4	83.3	83.7	83.7	83.8	83.9	84.0	84.4	84.4	84.4	84.5
>= 1000	25.0	74.5	78.0	80.4	82.3	82.6	83.8	84.1	84.1	84.4	84.5	84.5	84.9	84.9	84.9	85.1
>= 900	25.0	74.5	78.1	80.9	82.9	83.3	84.5	85.0	85.0	85.3	85.3	85.4	85.8	85.8	85.8	86.0
>= 800	25.0	75.1	78.8	81.6	83.6	84.0	85.2	85.9	85.9	86.2	86.3	86.4	86.7	86.7	86.7	86.9
>= 700	25.0	75.4	79.2	82.0	84.3	84.8	86.0	86.8	86.8	87.3	87.4	87.4	87.9	87.9	87.9	88.1
>= 600	25.0	75.7	79.5	82.4	84.8	85.3	86.7	87.7	87.7	88.2	88.4	88.5	88.9	88.9	88.9	89.1
>= 500	25.0	75.7	79.5	82.4	85.2	85.8	87.4	88.4	88.5	89.1	89.3	89.4	89.8	89.8	89.8	90.0
>= 400	25.0	75.8	79.6	83.0	85.9	86.6	88.2	89.5	89.6	90.3	90.6	90.7	91.2	91.2	91.2	91.4
>= 300	25.0	75.8	79.7	83.1	86.3	87.2	89.4	91.0	91.0	92.0	92.4	92.5	93.2	93.2	93.4	93.6
>= 200	25.0	75.8	79.7	83.1	86.6	87.4	89.7	91.6	91.7	93.1	93.5	93.6	94.6	94.6	94.9	95.3
>= 100	25.0	75.8	79.7	83.1	86.6	87.5	89.8	91.8	91.9	93.5	93.9	94.0	95.6	95.7	96.1	97.3
>= 0	25.0	75.8	79.7	83.1	86.6	87.5	89.8	91.8	91.9	93.5	94.0	94.1	95.8	95.9	96.9	100.0

TOTAL NO. OF OBS : 1139

Q13721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : FEB
HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)																			
CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0	
UNLIMIT	16.8	42.4	44.3	45.5	46.0	46.4	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.1	47.1	47.1	47.2	
>=20000	17.3	45.8	48.0	49.5	50.0	50.5	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.4	
>=18000	17.3	45.8	48.0	49.5	50.0	50.5	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.4	
>=16000	17.3	45.8	48.0	49.5	50.0	50.5	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.4	
>=14000	18.1	46.9	49.1	50.6	51.2	51.7	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.6	
>=12000	19.0	48.9	51.2	52.9	53.5	54.2	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0	
>=10000	20.2	53.1	55.8	57.4	58.1	58.8	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	
>= 9000	20.4	53.5	56.2	58.0	58.7	59.3	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.4	
>= 8000	20.9	56.5	59.5	61.6	62.4	63.1	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.2	
>= 7000	21.2	58.2	61.3	63.5	64.2	65.0	65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.2	
>= 6000	21.6	59.6	62.7	65.0	65.8	66.5	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.7	
>= 5000	22.0	61.2	64.7	67.0	67.8	68.5	69.1	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.7	
>= 4500	22.4	62.4	65.8	68.3	69.1	69.8	70.4	70.7	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.2	
>= 4000	22.7	64.1	67.5	70.0	71.2	71.9	72.5	72.7	72.9	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.4	
>= 3500	22.7	64.7	68.2	70.8	72.0	72.7	73.4	73.6	73.8	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.2	
>= 3000	22.8	65.8	69.4	72.0	73.6	74.5	75.4	75.8	75.9	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.5	
>= 2500	23.1	66.7	70.4	73.2	75.0	75.9	76.9	77.3	77.5	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	78.1	
>= 2000	23.5	68.0	72.0	75.0	77.1	78.2	79.4	79.9	80.2	80.5	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.9	
>= 1800	23.5	68.0	72.0	75.0	77.1	78.2	79.4	79.9	80.2	80.5	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.9	
>= 1500	23.8	68.8	72.9	76.1	78.1	79.3	80.6	81.2	81.5	81.9	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.4	
>= 1200	23.8	69.0	73.1	76.5	78.8	80.0	81.3	81.9	82.2	82.7	82.8	82.8	82.8	82.8	82.9	82.9	83.0	83.2	
>= 1000	23.9	69.4	73.6	77.3	79.6	80.9	82.4	83.0	83.3	84.0	84.3	84.3	84.3	84.3	84.4	84.4	84.5	84.7	
>= 900	23.9	69.7	74.0	77.7	80.2	81.4	82.9	83.5	83.8	84.5	84.9	84.9	84.9	84.9	85.0	85.0	85.2	85.4	
>= 800	23.9	69.9	74.2	78.0	80.5	81.9	83.5	84.2	84.7	85.4	85.8	85.8	85.8	85.9	85.9	86.1	86.1	86.3	
>= 700	23.9	69.9	74.2	78.1	80.6	82.0	83.9	85.0	85.4	86.3	86.8	86.8	86.8	87.0	87.0	87.2	87.2	87.3	
>= 600	23.9	70.1	74.5	78.3	81.2	82.7	84.8	85.9	86.4	87.3	88.0	88.0	88.0	88.1	88.1	88.3	88.3	88.5	
>= 500	23.9	70.3	74.7	78.6	81.8	83.6	85.9	87.2	87.6	88.8	89.5	89.5	89.5	89.7	89.7	89.9	89.9	90.2	
>= 400	23.9	70.4	75.0	78.9	82.1	84.2	86.8	88.1	88.5	89.6	90.5	90.5	90.5	90.9	90.9	91.2	91.2	91.5	
>= 300	23.9	70.4	75.0	78.9	82.1	84.6	87.5	89.1	89.6	91.0	92.0	92.0	92.0	92.4	92.4	92.5	93.0	93.5	
>= 200	23.9	70.4	75.0	79.0	82.4	84.9	87.9	89.6	90.2	91.9	92.9	93.0	93.0	94.1	94.2	94.9	94.9	95.8	
>= 100	23.9	70.4	75.0	79.0	82.4	84.9	87.9	89.6	90.2	91.9	92.9	93.0	93.0	94.2	94.3	95.7	95.7	97.8	
>= 0	23.9	70.4	75.0	79.0	82.4	84.9	87.9	89.6	90.2	91.9	92.9	93.0	93.0	94.2	94.4	96.0	96.0	100.0	

TOTAL NO. OF OBS : 1130

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : FEB
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.8	44.6	45.9	46.6	47.1	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.5
>=20000	24.0	50.3	51.7	52.5	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.5
>=18000	24.0	50.7	52.1	53.0	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.1
>=16000	24.3	51.2	52.6	53.5	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.6
>=14000	24.9	52.3	53.8	54.7	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7
>=12000	25.8	54.2	55.8	56.8	57.5	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9	58.0
>=10000	27.0	57.9	59.7	60.6	61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.9
>=9000	27.2	58.4	60.2	61.2	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.4
>=8000	27.8	62.4	64.6	65.6	66.5	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.1
>=7000	27.8	63.5	65.7	66.7	67.9	67.9	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.6
>=6000	28.0	64.4	66.8	67.8	69.0	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
>=5000	28.7	66.0	68.7	69.8	71.1	71.1	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.9
>=4500	28.9	66.7	69.5	70.7	72.0	72.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.8
>=4000	29.1	67.7	70.9	72.0	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.4	74.4	74.4	74.5
>=3500	29.6	68.8	72.1	73.4	75.0	75.0	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.7	75.7	75.7	75.9
>=3000	29.8	70.3	73.6	75.1	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.3
>=2500	30.1	71.2	74.5	76.0	78.0	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.5
>=2000	30.4	72.1	75.8	77.4	79.4	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	80.0
>=1800	30.5	72.2	75.9	77.5	79.6	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.2
>=1500	30.7	72.7	76.7	78.4	80.5	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.1
>=1200	30.8	72.8	77.0	78.8	81.0	81.0	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.7
>=1000	30.8	73.5	77.6	79.6	81.9	81.9	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
>=900	30.8	73.5	77.6	79.7	82.2	82.2	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.3
>=800	30.8	73.7	77.9	80.1	82.9	82.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.2
>=700	31.1	74.2	78.5	80.8	83.7	83.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.2
>=600	31.1	74.3	78.6	81.0	84.1	84.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.8
>=500	31.2	74.7	79.1	81.7	84.9	84.9	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.9
>=400	31.2	74.7	79.3	81.8	85.2	85.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.3
>=300	31.2	74.7	79.3	81.8	85.3	85.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.5
>=200	31.2	74.7	79.3	81.9	85.5	85.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.6
>=100	31.2	74.7	79.3	81.9	85.5	85.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.7
>=0	31.2	74.7	79.3	81.9	85.5	85.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.7

TOTAL NO. OF OBS : 1123

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : FEB
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.7	45.8	46.8	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
>=20000	26.3	52.0	53.4	53.8	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
>=18000	26.4	52.1	53.4	53.9	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
>=16000	26.9	52.9	54.3	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
>=14000	27.4	53.5	54.9	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
>=12000	28.3	55.6	57.1	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
>=10000	29.6	59.8	61.3	62.0	62.4	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
>= 8000	30.0	60.6	62.1	62.9	63.4	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
>= 7000	30.9	64.3	66.0	67.0	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
>= 6000	31.7	66.6	68.5	69.5	70.2	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
>= 5000	32.1	67.7	69.7	70.8	71.8	71.9	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
>= 4500	32.2	68.1	70.5	71.7	72.7	72.8	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
>= 4000	33.0	70.0	72.5	73.9	74.8	75.0	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
>= 3500	33.6	71.0	73.5	74.8	75.9	76.1	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
>= 3000	34.0	73.1	75.9	77.4	78.7	79.0	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
>= 2500	34.5	74.4	77.3	78.8	80.0	80.3	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
>= 2000	34.6	75.1	78.2	79.9	81.3	81.6	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
>= 1800	34.6	75.3	78.3	80.0	81.5	81.8	82.7	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
>= 1500	34.6	75.8	78.9	80.8	82.4	82.8	83.8	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
>= 1200	34.7	76.6	79.9	81.8	83.7	84.2	85.3	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
>= 1000	34.9	77.3	80.6	82.7	85.0	85.7	86.9	87.5	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
>= 900	35.0	77.4	80.8	83.0	85.3	86.0	87.6	88.2	88.2	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
>= 800	35.0	77.4	80.9	83.5	85.9	86.8	88.4	89.1	89.1	89.1	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
>= 700	35.0	77.6	81.1	83.8	86.6	87.6	89.3	90.3	90.3	90.3	90.7	90.9	90.9	90.9	91.0	91.0	91.0	91.0
>= 600	35.0	77.6	81.2	84.0	87.5	88.5	90.4	91.6	91.6	91.6	92.0	92.2	92.2	92.2	92.5	92.6	92.6	92.6
>= 500	35.0	77.6	81.2	84.2	87.8	88.9	91.3	92.6	92.6	92.6	93.2	93.6	93.6	93.6	94.0	94.2	94.2	94.2
>= 400	35.0	77.6	81.2	84.4	88.3	89.3	92.0	93.5	93.5	93.5	94.3	94.7	94.7	94.7	95.1	95.3	95.3	95.3
>= 300	35.0	77.6	81.2	84.4	88.4	89.6	92.5	94.2	94.2	94.2	95.0	95.7	95.7	95.7	96.4	96.6	96.8	97.1
>= 200	35.0	77.6	81.2	84.4	88.4	89.7	92.6	94.4	94.4	94.4	95.3	96.1	96.2	96.2	97.5	97.7	98.1	98.7
>= 100	35.0	77.6	81.2	84.4	88.4	89.7	92.7	94.5	94.5	94.5	95.5	96.2	96.4	96.4	97.8	97.9	98.9	99.8
>= 0	35.0	77.6	81.2	84.4	88.4	89.7	92.7	94.5	94.5	94.5	95.5	96.3	96.5	96.5	97.9	98.0	99.0	100.0

TOTAL NO. OF OBS : 1117

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : FEB
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1/2	>=5/8	>=3/4	>=5/16	>=1/4	>=0
UNLIMIT	24.0	45.2	46.1	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.8
>=20000	25.2	51.2	52.2	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1
>=18000	25.4	51.4	52.5	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.5
>=16000	25.6	51.9	53.0	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9
>=14000	26.5	53.5	54.6	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.6
>=12000	27.1	55.5	56.7	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.7
>=10000	28.4	58.2	59.9	60.5	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1
>= 8000	28.8	58.9	60.6	61.2	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8
>= 7000	29.4	62.7	64.7	65.4	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.2
>= 6000	29.9	63.7	65.8	66.6	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.6
>= 5000	30.8	65.3	67.5	68.3	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.3
>= 4000	31.6	66.8	69.4	70.5	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.7
>= 3500	32.0	68.2	71.1	72.3	73.1	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.7
>= 3000	32.3	69.9	73.1	74.3	75.3	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.9
>= 2500	32.9	72.0	75.2	76.9	78.2	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	79.1
>= 2000	33.2	73.2	76.8	78.5	79.8	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	81.0
>= 1800	33.5	74.4	78.4	80.3	81.8	82.0	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.9
>= 1500	33.7	75.2	79.5	81.5	83.5	83.9	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.3
>= 1200	33.8	75.8	80.2	82.2	84.4	84.9	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.5
>= 1000	33.8	76.1	80.7	82.9	85.5	86.4	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.3
>= 900	33.8	76.1	80.7	83.1	86.0	86.8	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.5
>= 800	33.8	76.2	80.8	83.3	86.3	87.2	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0
>= 700	33.8	76.2	80.9	83.4	86.8	87.8	89.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.7
>= 600	33.8	76.3	81.1	83.7	87.3	88.5	90.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.0
>= 500	33.8	76.4	81.4	84.1	88.2	89.4	91.7	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.4
>= 400	33.8	76.5	81.7	84.4	88.7	89.9	92.4	93.3	93.4	93.4	93.4	93.4	93.4	93.4	94.4
>= 300	33.8	76.6	81.9	84.6	88.9	90.3	92.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.4
>= 200	33.8	76.6	81.9	84.6	88.9	90.4	93.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.7
>= 100	33.8	76.6	81.9	84.6	88.9	90.4	93.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.7
>= 0	33.8	76.6	81.9	84.6	88.9	90.4	93.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.7

TOTAL NO. OF OBS : 1114

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : FEB
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.5	50.4	51.9	52.9	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.4
>=20000	22.9	53.8	55.4	56.3	56.5	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	57.0
>=18000	22.9	53.8	55.4	56.3	56.5	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	57.0
>=16000	23.2	54.1	55.7	56.7	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.4
>=14000	23.7	55.0	56.6	57.6	57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.2	58.3
>=12000	24.3	56.8	58.3	59.3	59.5	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9	60.0
>=10000	25.2	59.8	61.5	62.7	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.4	63.4
>=9000	25.6	60.5	62.2	63.4	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.2
>=8000	26.1	63.9	65.7	67.0	67.5	67.5	67.8	67.8	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.1	68.2
>=7000	26.4	65.2	67.0	68.3	68.8	68.8	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.4	69.5
>=6000	26.7	66.3	68.3	69.6	70.1	70.2	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.9
>=5000	26.9	68.0	70.3	71.6	72.1	72.2	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	73.0
>=4500	27.2	69.2	71.6	72.9	73.8	73.9	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.6	74.7
>=4000	27.5	70.8	73.6	75.0	76.0	76.2	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.9	77.0
>=3500	27.7	71.8	74.6	76.1	77.1	77.2	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	78.0
>=3000	28.1	73.7	77.2	78.9	80.1	80.3	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.2	81.3
>=2500	28.2	74.5	78.1	80.0	81.2	81.4	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.4	82.5
>=2000	28.3	75.5	79.3	81.4	82.9	83.0	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.4	84.4
>=1800	28.4	75.7	79.6	81.7	83.3	83.5	84.0	84.4	84.4	84.4	84.4	84.5	84.5	84.6	84.6	84.9	85.0
>=1500	28.5	76.3	80.4	82.8	84.5	84.7	85.2	85.7	85.7	85.7	85.8	85.8	85.9	85.9	85.9	86.2	86.3
>=1200	28.5	76.4	80.6	83.0	84.7	85.0	85.8	86.2	86.2	86.2	86.4	86.4	86.5	86.6	86.6	86.8	86.9
>=1000	28.5	76.5	80.8	83.5	85.4	85.7	86.7	87.2	87.2	87.2	87.3	87.3	87.4	87.5	87.5	87.8	87.9
>=900	28.5	76.7	81.0	83.7	85.7	85.9	87.1	87.5	87.5	87.5	87.8	87.9	88.0	88.0	88.0	88.3	88.4
>=800	28.5	76.7	81.2	84.1	86.1	86.4	87.9	88.6	88.6	88.6	88.8	89.0	89.1	89.3	89.3	89.5	89.6
>=700	28.5	76.8	81.5	84.4	86.6	87.0	88.5	89.2	89.2	89.2	89.5	89.6	89.7	89.9	89.9	90.2	90.2
>=600	28.5	76.8	81.5	84.7	87.3	87.6	89.2	90.0	90.0	90.0	90.2	90.5	90.6	90.9	90.9	91.2	91.3
>=500	28.5	76.9	82.1	85.2	87.9	88.5	90.6	91.7	91.7	92.2	92.4	92.5	92.5	92.9	92.9	93.1	93.2
>=400	28.5	77.0	82.2	85.3	88.3	88.9	91.6	92.7	92.7	93.2	93.5	93.7	94.1	94.1	94.1	94.4	94.5
>=300	28.5	77.1	82.2	85.6	88.6	89.3	92.0	93.4	93.4	94.1	94.6	94.8	95.5	95.5	95.5	96.0	96.1
>=200	28.5	77.1	82.2	85.6	88.6	89.5	92.4	93.9	94.0	94.9	95.5	95.7	96.4	96.5	96.5	97.3	97.5
>=100	28.5	77.1	82.2	85.6	88.6	89.5	92.5	94.2	94.3	95.3	96.0	96.2	97.1	97.2	97.2	98.2	99.2
>=0	28.5	77.1	82.2	85.6	88.6	89.5	92.5	94.3	94.3	95.4	96.3	96.5	97.5	97.5	97.5	98.6	100.0

TOTAL NO. OF OBS : 1138

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : FEB
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.9	53.2	54.0	54.5	54.9	54.9	55.2	55.5	55.6	55.6	55.6	55.7	55.7	55.7
>=20000	22.2	55.7	56.5	57.2	57.6	57.6	57.9	58.1	58.2	58.2	58.2	58.3	58.3	58.3
>=18000	22.3	55.7	56.6	57.2	57.7	57.7	58.0	58.2	58.3	58.3	58.3	58.4	58.4	58.4
>=16000	22.3	55.8	56.7	57.3	57.8	57.8	58.0	58.3	58.4	58.4	58.4	58.5	58.5	58.5
>=14000	22.8	57.0	57.9	58.5	58.9	58.9	59.2	59.5	59.5	59.5	59.5	59.6	59.6	59.6
>=12000	23.1	57.7	58.7	59.3	59.8	59.8	60.1	60.3	60.4	60.5	60.5	60.6	60.6	60.6
>=10000	23.4	60.8	62.1	62.8	63.3	63.4	63.7	64.0	64.1	64.1	64.1	64.2	64.2	64.2
>= 9000	23.7	61.5	62.8	63.5	64.0	64.1	64.4	64.7	64.8	64.8	64.8	64.9	64.9	64.9
>= 8000	23.9	64.0	65.6	66.4	67.1	67.2	67.6	67.8	67.9	68.0	68.0	68.1	68.1	68.3
>= 7000	24.4	65.0	66.7	67.5	68.3	68.4	68.7	69.0	69.1	69.2	69.2	69.3	69.3	69.4
>= 6000	24.7	66.2	67.9	68.9	69.7	69.9	70.2	70.5	70.6	70.7	70.7	70.8	70.8	70.9
>= 5000	25.6	68.6	70.3	71.4	72.2	72.4	72.8	73.1	73.2	73.2	73.2	73.3	73.3	73.5
>= 4500	25.9	70.1	72.0	73.1	74.0	74.3	74.6	74.9	75.1	75.1	75.1	75.2	75.2	75.4
>= 4000	26.1	71.5	73.7	74.9	76.0	76.2	76.6	76.9	77.0	77.0	77.0	77.1	77.1	77.3
>= 3500	26.1	71.8	74.2	75.5	76.6	76.9	77.3	77.6	77.7	77.7	77.7	77.8	77.8	78.0
>= 3000	26.3	73.1	75.7	77.1	78.4	78.6	79.1	79.3	79.4	79.5	79.5	79.6	79.6	79.8
>= 2500	26.7	74.0	76.9	78.5	79.9	80.1	80.7	80.9	81.0	81.1	81.1	81.2	81.2	81.4
>= 2000	26.9	75.4	78.3	79.9	81.3	81.5	82.2	82.4	82.5	82.6	82.7	82.7	82.8	83.0
>= 1800	26.9	75.7	78.6	80.3	81.6	81.9	82.5	82.8	82.9	83.0	83.0	83.1	83.1	83.3
>= 1500	26.9	76.2	79.2	81.1	82.6	82.9	83.6	83.8	83.9	84.0	84.1	84.2	84.2	84.4
>= 1200	27.2	76.9	79.9	82.0	83.6	83.8	84.5	84.9	85.0	85.1	85.2	85.3	85.3	85.5
>= 1000	27.2	77.6	80.8	83.0	84.8	85.1	85.9	86.3	86.4	86.5	86.6	86.7	86.7	86.9
>= 900	27.2	77.6	81.1	83.3	85.2	85.5	86.4	86.8	86.9	87.0	87.1	87.2	87.3	87.5
>= 800	27.3	77.7	81.3	83.7	85.7	86.0	86.9	87.5	87.6	87.8	88.1	88.2	88.3	88.4
>= 700	27.3	77.9	81.4	84.3	86.3	86.7	87.7	88.3	88.4	88.6	89.0	89.1	89.1	89.3
>= 600	27.3	78.2	82.0	84.9	87.0	87.6	88.7	89.4	89.5	89.7	90.0	90.1	90.2	90.4
>= 500	27.3	78.3	82.1	85.2	87.5	88.3	89.3	90.0	90.1	90.3	90.8	91.1	91.2	91.3
>= 400	27.3	78.4	82.2	85.4	88.0	89.0	90.7	92.0	92.3	93.1	93.1	93.5	93.6	93.7
>= 300	27.3	78.4	82.4	85.8	88.6	89.8	91.5	93.1	93.2	93.6	94.6	95.3	95.6	95.8
>= 200	27.3	78.4	82.5	85.9	88.7	89.8	91.8	93.6	93.7	94.3	95.3	96.2	96.3	96.9
>= 100	27.3	78.4	82.5	85.9	88.8	90.0	92.0	94.1	94.2	94.9	96.0	97.1	97.3	98.5
>= 0	27.3	78.4	82.5	85.9	88.8	90.0	92.0	94.1	94.2	94.9	96.1	97.2	97.4	100.0

TOTAL NO. OF OBS : 1132

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : AC FT
 MONTH : FEB
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.6	47.7	49.0	49.6	50.0	50.1	50.3	50.3	50.3	50.4	50.4	50.4	50.5	50.5	50.5	50.6
>=20000	22.3	51.8	53.3	54.1	54.5	54.6	54.8	54.9	54.9	54.9	55.0	55.0	55.1	55.1	55.1	55.2
>=18000	22.4	52.0	53.4	54.2	54.7	54.8	55.0	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.3
>=16000	22.5	52.3	53.7	54.5	55.0	55.1	55.3	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.6
>=14000	23.1	53.2	54.7	55.5	56.0	56.0	56.2	56.3	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.6
>=12000	23.7	54.8	56.4	57.2	57.7	57.8	58.0	58.1	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.4
>=10000	24.6	58.1	59.9	60.8	61.4	61.5	61.7	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.1
>= 9000	24.9	58.8	60.6	61.5	62.1	62.2	62.5	62.6	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.9
>= 8000	25.4	61.9	63.9	65.0	65.7	65.9	66.1	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.5	66.6
>= 7000	25.7	63.1	65.3	66.4	67.2	67.3	67.6	67.8	67.8	67.8	67.9	67.9	67.9	67.9	68.0	68.1
>= 6000	26.2	64.5	66.7	67.9	68.7	68.8	69.1	69.3	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.6
>= 5000	26.8	66.1	68.6	69.8	70.7	70.9	71.3	71.5	71.5	71.5	71.6	71.6	71.7	71.7	71.7	71.8
>= 4500	27.0	67.3	70.0	71.3	72.3	72.5	72.9	73.0	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.4
>= 4000	27.4	68.9	71.7	73.1	74.2	74.5	74.9	75.1	75.1	75.2	75.2	75.2	75.3	75.3	75.4	75.5
>= 3500	27.6	69.6	72.5	74.0	75.1	75.4	75.8	76.0	76.0	76.1	76.2	76.2	76.2	76.3	76.3	76.4
>= 3000	27.8	71.3	74.5	76.1	77.5	77.8	78.3	78.5	78.5	78.7	78.7	78.7	78.8	78.8	78.8	79.0
>= 2500	28.1	72.3	75.6	77.4	78.8	79.1	79.7	80.0	80.0	80.1	80.2	80.2	80.3	80.3	80.3	80.5
>= 2000	28.3	73.4	77.0	78.9	80.5	80.9	81.6	81.9	81.9	82.1	82.1	82.2	82.2	82.3	82.3	82.4
>= 1800	28.4	73.6	77.2	79.1	80.7	81.1	81.8	82.1	82.2	82.3	82.4	82.4	82.5	82.5	82.5	82.7
>= 1500	28.5	74.2	78.0	80.1	81.9	82.3	83.1	83.5	83.5	83.8	83.9	83.9	84.0	84.0	84.0	84.2
>= 1200	28.6	74.6	78.5	80.7	82.6	83.1	83.9	84.4	84.4	84.7	84.8	84.8	84.9	84.9	85.0	85.1
>= 1000	28.6	75.0	79.0	81.4	83.5	84.1	85.2	85.7	85.7	86.0	86.2	86.2	86.3	86.3	86.4	86.6
>= 900	28.7	75.2	79.2	81.7	83.9	84.6	85.7	86.3	86.3	86.7	86.8	86.8	87.0	87.0	87.1	87.3
>= 800	28.7	75.4	79.5	82.1	84.4	85.2	86.4	87.1	87.2	87.5	87.8	87.8	88.0	88.0	88.1	88.2
>= 700	28.7	75.5	79.7	82.4	85.0	85.8	87.2	87.9	88.0	88.5	88.7	88.8	88.9	89.0	89.1	89.2
>= 600	28.7	75.7	79.9	82.8	85.6	86.5	88.0	88.9	89.0	89.5	89.8	89.9	90.1	90.1	90.3	90.4
>= 500	28.7	75.8	80.2	83.1	86.2	87.3	89.2	90.2	90.3	90.9	91.4	91.4	91.7	91.8	91.9	92.1
>= 400	28.7	75.9	80.4	83.5	86.7	87.9	90.1	91.3	91.4	92.2	92.7	92.7	93.2	93.2	93.4	93.6
>= 300	28.7	75.9	80.5	83.6	87.0	88.4	90.8	92.3	92.4	93.4	94.0	94.1	94.8	94.9	95.2	95.4
>= 200	28.7	75.9	80.5	83.7	87.2	88.6	91.1	92.7	92.9	94.1	94.9	95.0	96.0	96.1	96.6	97.1
>= 100	28.7	75.9	80.5	83.7	87.2	88.7	91.2	92.9	93.1	94.4	95.3	95.4	96.6	96.8	97.7	98.7
>= 0	28.7	75.9	80.5	83.7	87.2	88.7	91.2	92.9	93.1	94.4	95.3	95.5	96.7	96.9	98.0	100.0

TOTAL NO. OF OBS : 9034

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : PAR
 CLASS : ALL WEATHER HOUR : 0100 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT.	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN
DIR.														%	WIND SPEED
N	.7	2.5	1.7	.7	.3	.2	.1	.0	.0	.0	.0	.0	.0	6.1	7.9
NNE	.5	1.1	.7	.9	.5	.0	.0	.0	.0	.0	.0	.0	.0	3.6	9.4
NE	.6	1.5	.9	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	3.6	7.3
NNE	.7	1.0	.8	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.9	6.9
E	.8	1.2	.6	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	6.7
ESE	.1	1.2	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.0
SE	.6	1.7	1.5	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	4.6	7.6
SSE	1.0	2.4	1.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.4	6.5
S	.4	2.5	2.3	1.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	7.3	8.3
SSW	.4	.8	2.4	2.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	6.1	9.9
SW	.5	1.3	2.4	2.0	.5	.1	.0	.0	.0	.0	.0	.0	.0	6.8	9.4
WSW	.4	.5	1.3	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	8.2
W	.6	1.4	1.8	.9	.2	.1	.0	.0	.0	.0	.0	.0	.0	5.0	8.2
WNW	.7	1.8	1.5	2.6	.7	.3	.1	.0	.0	.0	.0	.0	.0	7.8	10.7
NW	1.6	2.5	2.5	2.1	1.5	.9	.2	.0	.0	.0	.0	.0	.0	11.3	10.8
NNW	1.4	2.7	3.5	1.8	1.2	.5	.0	.0	.0	.0	.0	.0	.0	11.1	9.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.4	.0
ALL	11.0	26.0	26.0	17.8	6.1	2.2	.4	.1	.0	.0	.0	.0	.0	100.0	7.9

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : MAR
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT.		1	-	3	4	-	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN	
DIR.																	%	SPEED	
N		1.0		1.9	2.2		1.6		.5		.2		.1		.0		.0	7.5	8.9
NNE		.5		1.0	1.8		.9		.3		.0		.0		.0		.0	4.5	8.6
NE		.7		1.7	1.2		.3		.4		.1		.0		.0		.0	4.3	7.8
ENE		.3		1.2	.9		.3		.0		.1		.0		.0		.0	2.8	7.3
E		.5		1.2	1.5		.3		.0		.1		.0		.0		.0	3.6	7.2
ESE		.4		.8	.6		.2		.0		.0		.0		.0		.0	2.1	6.3
SE		.8		.9	.8		.2		.3		.2		.0		.0		.0	3.3	8.3
SSE		.2		1.0	1.5		.5		.0		.0		.1		.0		.0	3.2	8.3
S		.8		2.1	1.8		.8		.1		.0		.0		.0		.0	5.6	7.3
SSW		.3		1.1	1.8		2.5		.2		.1		.0		.0		.0	5.9	10.0
SW		.4		1.2	2.6		2.1		.8		.2		.0		.0		.0	7.2	10.5
WSW		.3		.7	1.6		1.0		.2		.0		.0		.0		.0	3.8	9.5
W		1.2		1.8	1.6		.9		.3		.0		.0		.0		.0	5.8	7.7
WNW		.7		1.6	1.9		1.9		.7		.4		.1		.0		.0	7.3	10.6
NW		1.1		2.9	2.7		2.0		1.6		.9		.1		.0		.0	11.3	10.9
NNW		.8		2.7	3.4		2.7		.7		.2		.0		.0		.0	10.4	9.3
VAR		.0		.0	.0		.0		.0		.0		.0		.0		.0	.0	.0
CLM		.0		.0	.0		.0		.0		.0		.0		.0		.0	11.4	.0
ALL		9.9		23.8	27.9		18.4		6.0		2.4		.3		.0		.0	100.0	8.1

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : MAR
 CLASS : ALL WEATHER HOUR : 0700 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT.		1	-	3	4	-	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN	
DIR.																			
		SPEED (KNOTS)																	
N	1.2	1.6	2.4	1.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9	8.4	
NNE	.4	1.7	1.2	.8	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	8.5	
NE	.6	1.2	1.2	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	7.7	
ENE	.3	1.1	1.2	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	8.3	
E	.5	1.5	1.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	7.0	
ESE	.4	.9	1.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	7.6	
SE	.3	1.0	1.0	.7	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	8.9	
SSE	.3	1.0	.8	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	8.8	
S	.8	1.6	2.0	.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	8.1	
SSW	.1	1.2	2.0	1.8	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	10.1	
SW	.3	1.7	2.7	2.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	10.0	
WSW	.4	.6	1.3	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	9.3	
W	.9	1.9	2.3	1.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9	8.2	
WNW	.6	2.5	1.9	2.0	.8	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.5	10.6	
NW	1.3	3.4	2.5	1.5	1.4	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.8	10.0	
NNW	.7	3.3	3.2	1.8	.8	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.5	9.6	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.7	.0	
ALL	9.1	26.2	28.4	17.7	6.1	2.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	8.2	

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1943-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : MAR
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.	1-31	4-61	7-101	11-161	17-211	22-271	28-331	34-401	41-471	48-551	>=561	TOTAL %	MEAN WIND SPEED
N	.4	1.9	3.2	2.5	.5	.2	.0	.0	.0	.0	.0	8.7	9.8
NNE	.8	2.0	3.1	1.5	.2	.0	.0	.0	.0	.0	.0	7.5	8.1
NE	.5	2.0	2.2	.4	.0	.0	.0	.0	.0	.0	.0	5.1	6.8
ENE	.5	1.7	1.2	.5	.0	.0	.0	.0	.0	.0	.0	3.9	7.0
E	.3	1.2	1.3	.8	.0	.0	.0	.0	.0	.0	.0	3.7	8.0
ESE	.3	1.6	1.5	.3	.0	.0	.0	.0	.0	.0	.0	3.7	7.0
SE	.5	1.7	2.5	1.2	.2	.0	.0	.0	.0	.0	.0	6.0	8.2
SSE	.2	.8	.8	.9	.2	.1	.0	.0	.0	.0	.0	3.1	9.8
S	.1	.5	1.5	1.8	.2	.0	.0	.0	.0	.0	.0	4.2	10.7
SSW	.3	.6	1.9	1.7	.2	.0	.0	.0	.0	.0	.0	4.8	10.1
SW	.0	.8	1.7	2.2	1.1	.2	.1	.0	.0	.0	.0	6.0	12.6
WSW	.2	.8	1.5	1.6	.7	.1	.1	.0	.0	.0	.0	4.9	11.4
W	.5	.5	1.6	1.5	.6	.1	.0	.0	.0	.0	.0	4.8	10.9
WNW	.5	1.4	2.1	2.2	.6	.5	.1	.0	.0	.0	.0	7.8	12.4
NW	.4	1.4	3.4	5.0	3.0	1.4	.5	.0	.0	.0	.0	15.0	14.0
NNW	.4	.9	2.9	3.0	.5	.2	.0	.0	.0	.0	.0	8.0	10.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	5.7	19.8	32.5	27.1	8.0	2.8	1.1	.1	.0	.0	.0	100.0	10.1

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 29W ELEV. : 40 FT
MONTH : MAR
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

		SPEED (KNOTS)										TOTAL		MEAN
16 PT. 1 - 31		4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	%	WIND
DIR.														SPEED
N	.7	1.8	2.8	2.1	.7	.0	.0	.0	.0	.0	.0	8.1	9.3	
NNE	.5	2.4	3.0	.9	.2	.0	.0	.0	.0	.0	.0	7.0	7.6	
NE	.4	2.1	3.4	1.1	.2	.0	.0	.0	.0	.0	.0	7.1	8.1	
ENE	.6	1.3	1.3	.3	.0	.0	.0	.0	.0	.0	.0	3.5	6.5	
E	.7	1.5	.9	.7	.1	.0	.0	.0	.0	.0	.0	3.8	6.9	
ESE	.4	2.2	2.2	.8	.1	.0	.0	.0	.0	.0	.0	5.7	7.6	
SE	.5	2.7	5.1	3.4	1.0	.1	.0	.0	.0	.0	.0	12.8	9.7	
SSE	.0	.8	1.8	2.1	.3	.1	.0	.0	.0	.0	.0	5.1	10.5	
S	.2	.2	1.1	1.1	.5	.0	.0	.0	.0	.0	.0	3.0	12.0	
SSW	.1	.0	.4	1.2	.3	.2	.0	.0	.0	.0	.0	2.2	13.8	
SW	.1	.5	1.4	2.0	1.2	.4	.0	.0	.0	.0	.0	5.5	13.3	
WSW	.2	.2	1.0	1.8	.5	.1	.0	.0	.0	.0	.0	3.7	12.0	
W	.2	.5	1.2	2.4	1.2	.1	.2	.0	.0	.0	.0	5.7	13.1	
WNW	.1	.5	1.6	2.5	1.1	.8	.2	.0	.0	.0	.0	6.7	14.5	
NW	.1	.5	2.1	4.8	3.2	1.0	.5	.0	.0	.0	.0	12.0	15.2	
NNW	.2	.6	1.8	3.2	.6	.2	.1	.0	.0	.0	.0	6.8	12.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	
ALL	4.8	17.7	31.3	30.4	10.8	2.8	.8	.0	.0	.0	.0	100.0	10.8	

TOTAL NO. OF OBS : 1301

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAR
CLASS : ALL WEATHER HOUR : 1600 LST

CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT.		1	1-3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN
DIR.															#	SPEED
N		.7	1.6	2.0	1.8	.4	.1	.0	.0	.0	.0	.0	.0	.0	6.6	8.8
NNE		.4	2.2	3.1	.8	.2	.2	.0	.0	.0	.0	.0	.0	.0	6.8	8.3
NE		.5	2.1	3.2	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.3	7.4
ENE		.5	1.2	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.6	6.4
E		.5	1.7	.5	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	3.2	6.6
ESE		.5	2.5	1.6	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	5.4	6.9
SE		.8	2.9	5.5	3.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	13.4	9.2
SSE		.4	1.2	4.7	5.1	.8	.1	.0	.0	.0	.0	.0	.0	.0	12.3	10.8
S		.2	.2	.7	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.6	9.9
SSW		.1	.1	.8	.8	.5	.1	.0	.0	.0	.0	.0	.0	.0	2.5	12.7
SW		.1	.2	1.5	1.4	.7	.1	.1	.0	.0	.0	.0	.0	.0	4.0	12.5
WSW		.0	.5	1.3	1.1	.2	.4	.1	.0	.0	.0	.0	.0	.0	3.5	12.4
W		.1	.4	2.2	2.1	.5	.2	.0	.0	.0	.0	.0	.0	.0	5.3	11.5
WNW		.0	.4	1.0	2.5	.8	.6	.2	.1	.0	.0	.0	.0	.0	5.6	14.8
NW		.5	1.4	3.0	4.2	1.9	1.3	.2	.0	.0	.0	.0	.0	.0	12.5	13.2
NNW		.4	.5	1.8	2.8	.5	.5	.1	.0	.0	.0	.0	.0	.0	6.6	12.5
VAR		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.0
ALL		5.5	18.8	33.5	28.7	7.4	3.6	.5	.1	.0	.0	.0	.0	.0	100.0	10.3

TOTAL NO. OF OBS : 1301

NOTES :
= PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : MAR
 CLASS : ALL WEATHER HOUR : 1900 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

16 PT.	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN
DIR.	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	WIND SPEED
N	.8	2.5	2.5	.8	.5	.0	.0	.0	.0	.0	.0	.0	.0	7.1	7.9
NNE	1.0	1.3	1.0	.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	4.4	7.8
NE	.8	.8	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.6	6.4
ENE	.5	1.0	.6	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.5	7.3
E	.6	1.2	1.7	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	3.8	7.0
ESE	.5	.6	.6	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.4	7.6
SE	1.0	2.6	2.2	.9	.3	.1	.0	.0	.0	.0	.0	.0	.0	7.1	7.5
SSE	1.2	5.3	4.8	2.1	.4	.1	.0	.0	.0	.0	.0	.0	.0	13.9	7.6
S	1.2	2.3	3.8	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7	7.6
SSR	.3	.9	1.7	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.8	8.4
SW	.5	.8	1.4	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.6	8.5
WSW	.2	.7	.5	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.2	8.6
W	.6	.8	.6	1.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	3.5	8.9
WNW	.5	1.5	1.2	1.5	.6	.9	.2	.1	.0	.0	.0	.0	.0	6.5	12.1
NW	.9	1.7	2.6	2.4	1.2	1.1	.2	.0	.0	.0	.0	.0	.0	10.1	12.0
NNW	.8	2.3	2.3	2.2	.7	.1	.0	.0	.0	.0	.0	.0	.0	8.3	9.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.8	.0
ALL	11.5	26.3	28.2	16.3	5.0	2.5	.4	.1	.0	.0	.0	.0	.0	100.0	7.8

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : MAR
 CLASS : ALL WEATHER HOUR : 2200 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT.	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL	MEAN
DIR.	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	WIND
N	1.1	1.5	2.5	.9	.3	.2	.0	.0	.0	.0	.0	.0	.0	6.5	8.2
NNE	.6	1.4	.8	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	3.6	7.9
NE	.1	.8	1.0	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	2.5	8.9
ENE	.5	.7	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.0
E	.5	1.6	1.6	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	4.4	7.5
ESE	.3	1.1	.8	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.7	7.5
SE	.8	1.8	2.2	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	5.7	7.5
SSE	.9	2.6	2.6	1.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	7.8	7.7
S	1.1	2.5	3.8	1.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	9.5	8.2
SSW	.4	1.0	2.2	1.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	5.6	9.2
SW	.4	.7	1.5	1.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	4.1	5.8
WSW	.4	.5	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	2.2	8.9
W	.9	1.1	1.2	.5	.3	.2	.0	.0	.0	.0	.0	.0	.0	4.1	8.1
WNW	1.2	1.7	1.8	1.8	.9	.6	.3	.0	.0	.0	.0	.0	.0	8.4	11.0
NW	1.4	2.5	2.5	2.8	1.2	.8	.2	.2	.0	.0	.0	.0	.0	11.5	11.2
NNW	1.2	2.2	2.5	2.2	.9	.2	.1	.0	.0	.0	.0	.0	.0	9.3	9.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.1	.0
ALL	11.7	23.6	28.2	17.7	5.8	2.3	.5	.2	.0	.0	.0	.0	.0	100.0	8.1

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : MAR
 HOUR : ALL

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

16 PT.		1	-	3	4	-	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN	
DIR.																	%	WIND	
		SPEED (KNOTS)																	
N	.8	1.9	2.4	1.5	.4	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	8.7	
NNE	.6	1.6	1.8	.9	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	8.2	
NE	.5	1.5	1.7	.5	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	7.6	
ENE	.5	1.1	.9	.4	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	7.1	
E	.6	1.4	1.2	.5	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	7.1	
ESE	.4	1.4	1.1	.4	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.2	
SE	.7	1.9	2.6	1.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	8.6	
SSE	.5	1.9	2.3	1.7	.3	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	8.8	
S	.6	1.5	2.1	1.2	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	8.5	
SSW	.2	.7	1.7	1.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	10.1	
SW	.3	.9	1.9	1.7	.7	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	10.8	
WSW	.2	.6	1.1	1.0	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	10.3	
W	.6	1.0	1.6	1.3	.5	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	9.6	
WNW	.5	1.4	1.6	2.1	.8	.6	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	7.3	11.9	
NW	.9	2.0	2.7	3.1	1.9	1.0	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	11.8	12.3	
NNW	.7	1.9	2.7	2.5	.8	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9	10.1	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	.0	
ALL	8.7	22.8	29.5	21.8	6.9	2.6	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	100.0	8.9	

TOTAL NO. OF OBS : 10413

NOTES :

* = PERCENT < .05

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAR
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16
UNLIMIT	23.0	53.8	54.7	55.3	55.5	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9
>=20000	23.5	56.7	57.6	58.3	58.6	58.7	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0
>=18000	23.5	56.8	57.7	58.4	58.6	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
>=16000	23.5	56.8	57.8	58.5	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1
>=14000	23.9	57.5	58.4	59.1	59.3	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
>=12000	24.2	58.2	59.2	59.9	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5
>=10000	25.2	62.3	63.3	64.0	64.4	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	65.0
>= 9000	25.3	62.7	63.9	64.6	65.0	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.5
>= 8000	25.8	66.2	67.7	68.4	69.0	69.1	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.5
>= 7000	26.5	67.4	69.0	69.8	70.4	70.5	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.9
>= 6000	27.3	69.0	70.6	71.5	72.0	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.6
>= 5000	27.6	71.0	73.1	74.0	74.6	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.4
>= 4500	27.7	72.2	74.4	75.4	76.0	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.8
>= 4000	28.0	73.8	76.2	77.2	78.0	78.3	78.3	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.8
>= 3500	28.2	74.5	76.9	78.0	78.8	79.0	79.1	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.7
>= 3000	28.3	75.5	78.0	79.3	80.1	80.4	80.5	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	81.0
>= 2500	28.5	77.0	79.9	81.2	82.0	82.3	82.4	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	83.0
>= 2000	28.7	78.0	81.2	82.8	83.9	84.2	84.3	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.8
>= 1800	28.7	78.3	81.5	83.3	84.4	84.8	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.4
>= 1500	28.8	78.8	82.2	84.2	85.5	85.8	85.8	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.4
>= 1200	28.9	79.2	82.7	84.9	86.3	86.6	86.9	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.5
>= 1000	28.9	79.7	83.3	85.8	87.3	87.7	88.0	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.7
>= 900	28.9	79.8	83.7	86.3	87.8	88.3	88.7	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.4
>= 800	28.9	80.0	83.9	86.6	88.1	88.6	89.1	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.8
>= 700	28.9	80.2	84.2	86.9	88.6	89.1	89.6	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.5
>= 600	28.9	80.7	84.7	87.4	89.3	89.8	90.5	90.9	90.9	91.3	91.4	91.4	91.4	91.4	91.4	91.6
>= 500	28.9	80.9	85.1	88.0	90.1	90.8	91.8	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.9
>= 400	28.9	81.1	85.4	88.5	91.0	91.7	93.0	93.6	93.7	94.1	94.2	94.2	94.2	94.2	94.2	94.5
>= 300	28.9	81.2	85.5	88.6	91.6	92.4	94.0	94.7	94.9	95.5	95.6	95.6	95.6	95.6	95.6	96.2
>= 200	28.9	81.2	85.5	88.7	91.7	92.6	94.1	95.0	95.2	96.1	96.3	96.3	96.3	96.3	96.3	96.7
>= 100	28.9	81.2	85.6	88.8	91.9	92.8	94.4	95.3	95.5	96.6	96.9	97.0	97.4	97.4	97.4	97.8
>= 0	28.9	81.2	85.6	88.8	91.9	92.8	94.4	95.3	95.5	96.6	97.0	97.0	97.6	97.6	97.6	100.0

TOTAL NO. OF OBS : 1279

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAR
HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.4	51.0	52.4	53.9	54.4	54.5	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.0
>=20000	22.1	54.8	56.3	57.8	58.2	58.3	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.9
>=18000	22.2	54.9	56.4	57.8	58.3	58.4	58.6	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9
>=16000	22.2	54.9	56.4	57.9	58.4	58.5	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0
>=14000	22.5	55.5	57.0	58.6	59.0	59.1	59.3	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.7
>=12000	22.9	56.6	58.2	59.8	60.3	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9
>=10000	23.4	59.1	60.8	62.3	62.8	62.9	63.1	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.5
>= 9000	23.5	59.6	61.2	62.8	63.3	63.3	63.6	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	64.0
>= 8000	23.7	62.8	64.5	66.1	66.7	66.8	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4
>= 7000	24.3	64.1	65.8	67.6	68.2	68.3	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
>= 6000	24.6	64.7	66.5	68.4	69.0	69.1	69.3	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.7
>= 5000	25.0	66.5	68.6	70.6	71.3	71.4	71.6	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	72.0
>= 4500	25.3	67.6	69.9	71.8	72.5	72.6	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3
>= 4000	25.5	69.2	71.7	73.8	74.6	74.6	74.9	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
>= 3500	25.6	69.8	72.4	74.4	75.2	75.4	75.6	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1
>= 3000	26.0	72.2	75.2	77.4	78.3	78.4	78.6	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.2
>= 2500	26.2	73.7	76.8	79.0	80.1	80.2	80.5	80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.1
>= 2000	26.5	74.5	77.8	80.2	81.4	81.6	81.8	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.6
>= 1800	26.5	74.9	78.2	80.7	81.9	82.0	82.3	82.7	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0
>= 1500	26.5	75.5	79.0	81.7	83.0	83.2	83.4	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.3
>= 1200	26.5	75.8	79.4	82.4	83.8	84.0	84.2	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.1
>= 1000	26.6	76.5	80.1	83.3	84.7	84.9	85.2	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	86.0
>= 900	26.7	76.8	80.7	84.0	85.5	85.8	86.0	86.7	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0
>= 800	26.7	77.1	81.2	84.6	86.3	86.6	86.9	87.5	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.9
>= 700	26.7	77.2	81.4	85.1	86.8	87.2	87.5	88.2	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.7
>= 600	26.7	77.5	81.9	85.7	87.5	87.9	88.4	89.2	89.2	89.5	89.8	89.8	89.8	89.8	89.8	89.9
>= 500	26.7	77.9	82.3	86.3	88.5	89.1	89.7	90.9	90.9	91.4	91.7	91.7	91.7	91.7	91.7	91.8
>= 400	26.7	77.9	82.5	86.7	89.1	89.8	90.7	92.1	92.1	92.6	93.0	93.2	93.2	93.2	93.2	93.3
>= 300	26.7	78.1	82.7	86.8	89.4	90.4	91.6	93.1	93.1	93.7	94.1	94.5	94.5	94.5	94.5	94.6
>= 200	26.7	78.1	82.7	86.9	89.6	90.7	92.2	93.8	93.8	94.4	94.9	95.0	95.5	95.6	95.8	95.8
>= 100	26.7	78.1	82.7	86.9	89.7	90.7	92.2	94.0	94.0	94.8	95.8	96.7	96.8	97.3	97.8	97.8
>= 0	26.7	78.1	82.7	86.9	89.7	90.7	92.2	94.0	94.0	95.0	96.1	96.2	97.1	97.2	98.0	100.0

TOTAL NO. OF OBS : 1274

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER. MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : MAR
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	19.5	42.6	44.6	45.4	46.6	46.8	47.0	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3
>=20000	20.1	46.0	48.3	49.2	50.4	50.8	51.1	51.3	51.3	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5
>=18000	20.1	46.2	48.5	49.4	50.7	51.1	51.3	51.5	51.5	51.5	51.5	51.7	51.8	51.8	51.8	51.8	51.8	51.8
>=16000	20.2	46.3	48.6	49.6	50.9	51.3	51.5	51.8	51.8	51.8	51.8	51.9	52.0	52.0	52.0	52.0	52.0	52.0
>=14000	20.4	46.8	49.1	50.0	51.4	51.8	52.0	52.2	52.2	52.2	52.2	52.4	52.5	52.5	52.5	52.5	52.5	52.5
>=12000	20.9	48.2	50.5	51.5	52.8	53.2	53.4	53.7	53.7	53.7	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9
>=10000	22.3	51.5	54.4	55.5	57.0	57.5	57.7	58.0	58.0	58.0	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2
>= 9000	22.5	52.1	55.1	56.3	57.7	58.3	58.5	58.8	58.8	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0
>= 8000	23.0	55.9	59.3	60.7	62.4	62.9	63.3	63.6	63.6	63.6	63.6	63.7	63.8	63.8	63.9	63.9	63.9	63.9
>= 7000	23.3	57.2	60.6	62.1	63.9	64.6	65.0	65.2	65.2	65.2	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.5
>= 6000	24.3	59.4	62.9	64.4	66.2	66.9	67.3	67.6	67.6	67.6	67.6	67.7	67.8	67.8	67.9	67.9	67.9	67.9
>= 5000	24.4	60.6	64.3	66.0	67.8	68.6	69.0	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.5
>= 4500	25.0	62.0	65.9	67.6	69.4	70.2	70.7	70.9	70.9	70.9	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2
>= 4000	25.5	64.4	68.7	70.5	72.3	73.1	73.7	73.9	73.9	73.9	73.9	74.2	74.2	74.2	74.3	74.3	74.3	74.3
>= 3500	25.5	64.7	69.0	70.8	72.9	73.8	74.4	74.6	74.6	74.6	74.6	74.9	74.9	74.9	75.0	75.0	75.0	75.0
>= 3000	25.7	67.2	71.5	73.6	75.7	76.7	77.3	77.5	77.5	77.5	77.5	77.9	78.0	78.0	78.1	78.1	78.1	78.2
>= 2500	25.8	67.9	72.2	74.4	76.5	77.5	78.2	78.4	78.4	78.4	78.4	78.8	78.9	78.9	78.9	78.9	78.9	79.0
>= 2000	26.2	69.0	73.5	75.9	78.2	79.3	80.0	80.3	80.3	80.3	80.3	80.7	80.8	80.8	80.8	80.8	80.8	80.9
>= 1800	26.2	69.0	73.5	76.0	78.4	79.4	80.2	80.5	80.5	80.5	80.5	80.9	81.0	81.0	81.1	81.1	81.1	81.1
>= 1500	26.5	70.0	74.9	77.6	80.0	81.2	82.1	82.6	82.6	82.6	82.6	83.0	83.1	83.1	83.2	83.2	83.2	83.3
>= 1200	26.5	70.8	75.7	78.5	81.0	82.2	83.1	83.6	83.6	83.6	83.6	84.1	84.2	84.2	84.3	84.3	84.3	84.4
>= 1000	26.5	71.2	76.5	79.6	82.2	83.5	84.5	85.1	85.1	85.1	85.1	85.6	85.7	85.7	85.8	85.8	85.8	85.9
>= 900	26.5	71.2	76.5	79.7	82.4	83.7	84.7	85.2	85.2	85.2	85.2	85.8	85.9	85.9	85.9	85.9	85.9	86.0
>= 800	26.5	71.6	76.8	80.4	83.3	84.6	85.6	86.3	86.3	86.3	86.3	86.8	86.9	86.9	87.0	87.0	87.0	87.1
>= 700	26.5	71.7	77.0	80.7	84.0	85.4	86.6	87.3	87.3	87.3	87.3	87.8	87.9	87.9	88.1	88.1	88.1	88.1
>= 600	26.6	72.1	77.5	81.4	84.9	86.4	87.7	88.4	88.4	88.4	88.4	89.3	89.4	89.4	89.6	89.6	89.6	89.7
>= 500	26.6	72.3	77.7	81.6	85.5	87.2	88.8	89.6	89.6	89.6	89.6	90.7	90.8	90.8	91.0	91.0	91.1	91.2
>= 400	26.6	72.6	78.0	82.0	86.1	88.0	89.9	90.7	90.8	90.8	90.8	91.9	92.1	92.1	92.3	92.3	92.4	92.5
>= 300	26.6	72.8	78.4	82.6	86.7	88.8	90.9	91.8	91.8	91.8	91.8	93.2	93.6	93.7	94.0	94.0	94.2	94.4
>= 200	26.6	72.8	78.4	82.6	86.7	88.8	91.0	92.1	92.1	92.1	92.1	94.3	94.9	95.1	95.7	95.8	96.3	96.9
>= 100	26.6	72.9	78.5	82.6	86.8	88.9	91.1	92.2	92.2	92.2	92.2	94.4	95.3	95.5	96.2	96.4	97.3	98.7
>= 0	26.6	72.9	78.5	82.6	86.8	88.9	91.1	92.2	92.2	92.2	92.2	94.4	95.3	95.5	96.2	96.5	97.6	100.0

TOTAL NO. OF OBS : 1273

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : MAR
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1/2	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.1	46.3	47.1	47.6	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
>=20000	26.4	52.2	53.4	53.9	54.0	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
>=18000	26.4	52.4	53.7	54.1	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
>=16000	26.6	52.7	54.0	54.4	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
>=14000	26.9	53.2	54.4	54.9	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
>=12000	28.0	55.1	56.4	56.9	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
>=10000	28.5	57.3	58.8	59.3	59.5	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
>=9000	28.9	58.1	59.5	60.1	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
>=8000	29.2	61.4	63.2	63.9	64.2	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
>=7000	29.4	62.2	64.1	65.0	65.3	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
>=6000	30.1	63.9	65.9	66.9	67.2	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
>=5000	31.0	66.4	68.5	69.6	70.1	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
>=4500	31.4	67.3	69.4	70.6	71.4	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
>=4000	31.7	69.2	71.5	72.8	73.8	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
>=3500	32.1	70.6	73.0	74.3	75.3	75.4	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
>=3000	32.8	73.4	75.9	77.5	78.8	78.9	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
>=2500	33.2	74.2	76.7	78.6	79.9	80.0	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5
>=2000	33.5	75.4	78.2	80.0	81.5	81.8	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
>=1800	33.5	75.6	78.3	80.2	81.8	82.1	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6
>=1500	33.6	77.0	80.0	81.9	83.6	83.9	84.2	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
>=1200	33.7	77.4	80.4	82.3	84.1	84.4	84.8	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2
>=1000	33.8	78.0	81.3	83.5	85.5	85.9	86.3	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8
>=900	33.8	78.1	81.4	83.8	86.3	86.7	87.2	87.7	87.7	87.8	87.9	87.9	87.9	87.9	87.9
>=800	33.8	78.3	81.7	84.4	87.0	87.6	88.2	88.7	88.7	89.1	89.2	89.2	89.3	89.3	89.4
>=700	33.8	78.5	81.9	84.8	87.7	88.4	89.1	89.6	89.6	90.0	90.2	90.2	90.3	90.3	90.3
>=600	33.8	78.6	82.1	85.4	88.4	89.5	90.3	90.9	90.9	91.4	91.5	91.5	91.6	91.6	91.8
>=500	33.8	78.9	82.3	85.6	88.8	89.9	91.1	91.9	91.9	92.6	92.9	92.9	93.0	93.2	93.2
>=400	33.8	79.0	82.7	86.0	89.4	90.6	91.9	92.9	92.9	93.7	94.3	94.3	94.6	94.8	94.9
>=300	33.8	79.1	82.8	86.1	89.8	91.2	92.7	94.0	94.0	95.1	95.6	95.6	96.1	96.5	96.6
>=200	33.8	79.1	82.8	86.1	89.8	91.4	93.0	94.5	94.5	95.9	96.6	96.6	97.1	97.6	98.3
>=100	33.8	79.1	82.8	86.1	89.9	91.4	93.1	94.6	94.7	96.1	96.9	96.9	97.8	98.0	98.9
>=0	33.8	79.1	82.8	86.1	89.9	91.4	93.1	94.6	94.7	96.1	96.9	96.9	97.8	98.0	100.0

TOTAL NO. OF OBS : 1273

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAR
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.1	44.2	44.9	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
>=20000	27.1	50.3	51.4	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
>=18000	27.2	50.5	51.6	52.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
>=16000	27.4	50.9	52.0	52.5	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
>=14000	27.9	51.4	52.5	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
>=12000	28.4	52.9	54.0	54.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
>=10000	29.0	55.7	56.9	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
>=9000	29.1	56.1	57.2	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
>=8000	29.6	58.7	60.4	61.2	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
>=7000	29.9	59.9	61.6	62.6	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
>=6000	30.5	61.1	62.9	63.9	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
>=5000	31.5	63.4	65.4	66.5	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
>=4500	32.1	64.3	66.6	67.8	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
>=4000	33.4	67.8	70.1	71.3	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
>=3500	33.8	69.1	71.6	72.9	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
>=3000	35.0	73.4	76.3	77.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
>=2500	35.7	74.9	77.9	79.7	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
>=2000	36.4	76.5	79.7	81.5	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>=1800	36.4	76.7	79.9	81.7	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
>=1500	36.8	77.9	81.2	83.4	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
>=1200	36.9	78.7	82.1	84.3	86.4	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
>=1000	36.9	79.2	82.8	85.4	87.7	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
>=900	36.9	79.3	83.0	85.5	88.0	88.5	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
>=800	36.9	79.4	83.2	86.0	89.0	89.7	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
>=700	36.9	79.5	83.5	86.4	89.6	90.4	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
>=600	36.9	79.7	83.9	86.9	90.4	91.4	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
>=500	36.9	79.9	84.2	87.3	91.1	92.4	93.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
>=400	36.9	79.9	84.2	87.4	91.2	92.7	94.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
>=300	36.9	79.9	84.4	87.7	91.5	93.0	94.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
>=200	36.9	79.9	84.4	87.7	91.6	93.2	94.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
>=100	36.9	79.9	84.4	87.7	91.6	93.2	94.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
>=0	36.9	79.9	84.4	87.7	91.6	93.2	94.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3

TOTAL NO. OF OBS : 1256

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAR
HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.1	46.0	46.8	47.3	47.7	47.7	47.8	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1
>=20000	27.1	52.5	53.4	54.1	54.5	54.5	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8
>=18000	27.1	52.5	53.4	54.2	54.6	54.6	54.6	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9
>=16000	27.3	53.1	54.0	54.7	55.1	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=14000	27.5	53.8	54.7	55.5	55.9	55.9	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
>=12000	27.9	54.7	55.7	56.5	56.9	56.9	56.9	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
>=10000	28.6	56.6	57.7	58.4	59.2	59.2	59.2	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5
>=9000	28.9	57.2	58.4	59.4	59.8	59.8	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
>=8000	29.7	60.3	61.8	63.0	63.4	63.4	63.5	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
>=7000	30.2	62.2	63.8	64.9	65.4	65.4	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
>=6000	31.0	63.5	65.1	66.5	66.9	66.9	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
>=5000	32.9	66.7	68.4	69.8	70.4	70.4	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
>=4500	33.4	68.5	70.4	71.8	72.4	72.4	72.5	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
>=4000	34.3	70.9	73.3	74.7	75.3	75.4	75.6	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
>=3500	35.1	72.6	74.9	76.5	77.2	77.3	77.6	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
>=3000	35.8	75.9	78.6	80.3	81.3	81.4	81.6	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0
>=2500	36.3	77.8	80.5	82.2	83.3	83.3	83.6	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1
>=2000	36.8	78.7	81.6	83.7	84.9	85.0	85.2	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8
>=1800	36.8	79.0	81.9	84.1	85.2	85.4	85.6	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2
>=1500	36.9	79.5	82.5	84.7	86.0	86.3	86.7	86.9	86.9	87.2	87.2	87.3	87.3	87.3	87.3	87.3
>=1200	36.9	79.6	82.7	85.2	86.5	87.2	87.7	88.0	88.0	88.3	88.3	88.3	88.4	88.4	88.4	88.4
>=1000	37.0	80.1	83.5	86.2	87.8	88.5	89.1	89.5	89.5	89.9	89.9	90.0	90.0	90.0	90.0	90.0
>=900	37.0	80.3	83.8	86.6	88.3	89.1	89.8	90.3	90.3	90.9	90.9	90.9	91.0	91.0	91.0	91.0
>=800	37.0	80.3	83.9	86.8	88.7	89.5	90.5	91.2	91.2	91.8	92.0	92.0	92.1	92.1	92.1	92.1
>=700	37.0	80.5	84.1	87.4	89.4	90.4	91.5	92.4	92.4	92.9	93.2	93.2	93.3	93.3	93.3	93.3
>=600	37.0	80.7	84.5	87.9	89.9	91.2	92.5	93.5	93.5	94.1	94.3	94.3	94.5	94.5	94.5	94.5
>=500	37.0	80.7	84.6	88.1	90.5	91.8	93.3	94.4	94.5	95.2	95.4	95.4	95.6	95.6	95.6	95.6
>=400	37.0	81.1	85.0	88.5	91.0	92.4	94.0	95.2	95.2	96.1	96.4	96.4	96.7	96.7	96.8	96.8
>=300	37.0	81.1	85.0	88.5	91.0	92.5	94.1	95.5	95.5	96.7	97.0	97.0	97.5	97.5	97.6	97.7
>=200	37.0	81.1	85.0	88.5	91.0	92.5	94.2	95.8	95.8	97.2	97.8	97.8	98.6	98.6	98.7	99.1
>=100	37.0	81.1	85.0	88.5	91.0	92.5	94.2	95.8	95.9	97.2	98.0	98.0	99.0	99.0	99.3	99.9
>=0	37.0	81.1	85.0	88.5	91.0	92.5	94.2	95.8	95.9	97.2	98.0	98.0	99.0	99.0	99.4	100.0

TOTAL NO. OF OBS : 1261

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAR
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	3/4	>=5/8	1/2	>=5/16	3/4	>=1/4	>=0
UNLIMIT	24.2	51.2	52.4	52.6	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3
>=20000	25.1	55.3	56.5	56.9	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6
>=18000	25.2	55.5	56.7	57.0	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7
>=16000	25.2	55.5	56.8	57.1	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8
>=14000	25.4	56.2	57.5	57.8	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5
>=12000	25.9	57.4	58.7	59.1	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8
>=10000	26.8	60.9	62.4	62.9	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7
>=9000	27.0	61.2	62.7	63.2	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0
>=8000	27.9	65.3	66.8	67.5	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3
>=7000	28.4	66.7	68.2	68.9	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9
>=6000	28.9	68.0	69.7	70.6	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6
>=5000	29.1	70.0	72.0	72.9	73.6	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.2
>=4500	29.4	71.4	73.6	74.4	75.2	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.9
>=4000	30.0	74.4	76.9	78.0	78.8	79.0	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.6
>=3500	30.4	77.4	80.3	81.3	82.4	82.5	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.4
>=3000	30.5	78.3	81.5	82.7	83.8	83.9	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.8
>=2000	30.6	79.1	82.5	83.9	85.0	85.2	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	86.1
>=1800	30.6	79.2	82.6	84.0	85.2	85.3	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.3
>=1500	30.6	79.6	83.1	84.8	86.1	86.3	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.4
>=1200	30.6	79.8	83.6	85.4	86.8	87.1	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.3
>=1000	30.7	80.2	84.4	86.4	87.8	88.2	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.5
>=900	30.7	80.3	84.5	86.5	88.1	88.4	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.8
>=800	30.7	80.5	84.9	87.1	89.0	89.5	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.8
>=700	30.7	80.8	85.2	87.5	89.6	90.2	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.9
>=600	30.7	80.9	85.5	88.1	90.5	91.1	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.1
>=500	30.7	80.9	85.6	88.3	90.9	91.8	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	94.0
>=400	30.7	81.3	86.0	88.6	91.5	92.5	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.4
>=300	30.7	81.3	86.0	88.7	91.6	92.9	95.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.3
>=200	30.7	81.3	86.0	88.7	91.7	93.0	95.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.6
>=100	30.7	81.3	86.0	88.7	91.7	93.1	95.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.9
>=0	30.7	81.3	86.0	88.7	91.7	93.1	95.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.9

TOTAL NO. OF OBS : 1275

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAR
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMITY	24.6	55.0	56.0	56.4	56.6	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.9	56.9
>=20000	25.3	58.1	59.2	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.2
>=18000	25.3	58.1	59.2	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.2
>=16000	25.3	58.1	59.2	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.2
>=14000	25.6	58.6	59.7	60.2	60.4	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.7	60.8
>=12000	26.0	59.9	61.0	61.5	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.1	62.1
>=10000	26.7	63.5	64.8	65.4	65.6	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.9	65.9	65.9
>= 9000	26.9	63.9	65.3	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.4	66.4
>= 8000	27.5	67.7	69.4	70.2	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.8	70.8
>= 7000	27.8	68.7	70.3	71.3	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.9	71.9
>= 6000	27.9	69.6	71.3	72.3	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	73.0	73.0
>= 5000	28.5	72.2	73.9	75.0	75.2	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.7	75.7	75.7
>= 4500	29.0	73.9	75.6	76.6	77.0	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.5	77.6	77.6
>= 4000	29.2	75.4	77.3	78.4	78.8	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.3	79.4	79.4
>= 3500	29.2	76.1	77.9	79.0	79.4	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.9	80.0	80.0
>= 3000	29.4	77.6	79.6	80.8	81.2	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.8	81.9	81.9
>= 2500	29.5	79.2	81.5	82.7	83.1	83.4	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.7	83.8	83.8
>= 2000	29.6	79.7	82.3	83.5	84.1	84.3	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.8	84.9	84.9
>= 1800	29.6	79.9	82.6	83.8	84.3	84.5	84.8	84.8	84.8	84.9	84.9	84.9	84.9	85.0	85.1	85.1
>= 1500	29.8	80.8	83.5	84.8	85.4	85.8	86.0	86.0	86.0	86.2	86.3	86.3	86.3	86.4	86.4	86.4
>= 1200	29.8	81.0	83.8	85.1	85.7	86.1	86.4	86.4	86.4	86.6	86.7	86.7	86.7	86.8	86.8	86.8
>= 1000	29.8	81.6	84.9	86.5	87.2	88.0	88.6	88.6	88.6	88.8	88.9	88.9	88.9	89.0	89.0	89.0
>= 900	29.8	81.8	85.1	87.1	87.8	88.6	89.3	89.3	89.3	89.5	89.6	89.6	89.6	89.7	89.7	89.7
>= 800	29.8	82.0	85.5	87.9	88.8	89.6	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.8	90.9	90.9
>= 700	29.8	82.3	85.9	88.5	89.5	90.3	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.5	91.6	91.6
>= 600	29.8	82.7	86.3	89.3	90.6	91.4	92.4	92.5	92.5	92.6	92.7	92.7	92.8	92.9	92.9	92.9
>= 500	29.9	82.8	86.5	89.6	91.1	92.1	93.2	93.4	93.4	93.6	93.6	93.6	93.7	93.8	94.0	94.0
>= 400	29.9	83.0	86.9	90.1	91.9	93.1	94.7	95.1	95.1	95.4	95.4	95.4	95.5	95.6	95.8	95.8
>= 300	29.9	83.0	87.0	90.3	92.1	93.2	95.3	95.9	95.9	96.5	96.6	96.6	96.7	96.8	96.9	96.9
>= 200	29.9	83.0	87.1	90.3	92.2	93.3	95.8	96.5	96.5	97.3	97.3	97.4	97.7	97.8	98.0	98.2
>= 100	29.9	83.0	87.1	90.3	92.2	93.3	95.8	96.7	96.7	97.4	97.6	97.7	98.4	98.6	98.9	99.4
>= 0	29.9	83.0	87.1	90.3	92.2	93.3	95.8	96.7	96.7	97.4	97.7	97.8	98.6	98.7	99.1	100.0

TOTAL NO. OF OBS : 1274

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : MAR
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING >=10 >=6 >=5 >=4 >=3 >=2 1/2 >=2 >=1 1/2 >=1 1/4 >=1 >=3/4 >=5/8 >=1/2 >=5/16 >=1/4 >=0

UNLIMIT	23.5	48.8	49.9	50.5	50.9	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3
>=20000	24.6	53.3	54.5	55.2	55.7	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1
>=18000	24.6	53.3	54.6	55.4	55.8	55.9	56.0	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2
>=16000	24.7	53.6	54.9	55.6	56.0	56.1	56.2	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4
>=14000	25.0	54.1	55.4	56.2	56.6	56.7	56.8	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
>=12000	25.5	55.4	56.7	57.5	57.9	58.0	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
>=10000	26.3	58.4	59.9	60.7	61.3	61.4	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
>= 9000	26.5	58.9	60.4	61.3	61.8	61.9	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3
>= 8000	27.1	62.3	64.1	65.1	65.7	65.9	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
>= 7000	27.5	63.5	65.4	66.5	67.2	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7
>= 6000	28.1	64.9	66.9	68.1	68.7	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3
>= 5000	28.8	67.1	69.3	70.5	71.3	71.5	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9
>= 4500	29.1	68.4	70.7	72.0	72.8	73.1	73.2	73.3	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5
>= 4000	29.7	70.7	73.2	74.6	75.5	75.7	75.9	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3
>= 3500	29.9	71.6	74.2	75.6	76.5	76.8	77.0	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4
>= 3000	30.4	74.1	76.9	78.5	79.6	79.8	80.1	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5
>= 2500	30.7	75.4	78.4	80.0	81.2	81.5	81.7	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.2
>= 2000	31.0	76.4	79.6	81.5	82.7	83.1	83.4	83.5	83.5	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8
>= 1800	31.0	76.6	79.8	81.7	83.0	83.4	83.7	83.8	83.8	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.2
>= 1500	31.2	77.4	80.8	82.9	84.3	84.7	85.1	85.3	85.3	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6
>= 1200	31.2	77.8	81.3	83.5	85.1	85.5	86.0	86.2	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.6
>= 1000	31.2	78.3	82.1	84.6	86.3	86.9	87.4	87.7	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.1
>= 900	31.3	78.5	82.3	84.9	86.8	87.4	88.0	88.3	88.3	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.8
>= 800	31.3	78.7	82.6	85.5	87.5	88.2	88.9	89.3	89.3	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.9
>= 700	31.3	78.8	82.9	85.9	88.1	88.9	89.7	90.2	90.2	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.8
>= 600	31.3	79.1	83.3	86.5	88.9	89.8	90.8	91.4	91.4	91.8	92.0	92.0	92.1	92.1	92.1	92.1	92.2
>= 500	31.3	79.3	83.6	86.9	89.6	90.6	91.8	92.6	92.6	93.2	93.3	93.3	93.5	93.5	93.5	93.5	93.6
>= 400	31.3	79.5	83.8	87.2	90.2	91.3	92.8	93.7	93.7	94.4	94.7	94.7	94.9	94.9	94.9	95.0	95.1
>= 300	31.3	79.6	84.0	87.4	90.5	91.8	93.5	94.6	94.6	95.6	95.9	95.9	96.3	96.3	96.3	96.4	96.5
>= 200	31.3	79.6	84.0	87.4	90.5	91.9	93.8	95.0	95.0	96.2	96.7	96.7	96.8	97.3	97.4	97.7	98.0
>= 100	31.3	79.6	84.0	87.5	90.6	92.0	93.9	95.2	95.2	96.4	97.1	97.2	97.9	98.0	98.5	99.2	99.2
>= 0	31.3	79.6	84.0	87.5	90.6	92.0	93.9	95.2	95.2	96.4	97.2	97.3	98.0	98.1	98.8	100.0	100.0

TOTAL NO. OF OBS : 10165

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : APR
 CLASS : ALL WEATHER HOUR : 0100 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL %	MEAN WIND SPEED
N	.3	1.3	1.7	.9	.4	.2	.0	.0	.0	.0	.0	4.8	9.2
NNE	.2	1.3	1.4	.6	.2	.1	.0	.0	.0	.0	.0	3.7	8.2
NE	.3	.9	1.2	.6	.1	.0	.1	.0	.0	.0	.0	3.1	8.6
ENE	.0	.8	.7	.2	.0	.1	.0	.0	.0	.0	.0	1.7	8.2
E	.5	1.3	1.4	.5	.1	.0	.0	.0	.0	.0	.0	3.7	7.0
ESE	.7	.6	.6	.2	.0	.0	.0	.0	.0	.0	.0	2.1	5.7
SE	.8	1.6	2.1	.5	.1	.1	.0	.0	.0	.0	.0	5.2	7.3
SSE	.8	2.9	2.2	1.1	.2	.0	.0	.0	.0	.0	.0	7.2	7.4
S	1.7	2.5	2.1	1.7	.1	.0	.0	.0	.0	.0	.0	8.1	7.2
SSW	.4	1.7	2.5	2.9	.4	.0	.0	.0	.0	.0	.0	7.9	9.8
SW	.8	1.9	3.7	2.5	.5	.0	.0	.0	.0	.0	.0	9.3	9.3
WSW	.7	1.3	1.6	1.0	.2	.0	.0	.0	.0	.0	.0	4.7	8.1
W	1.0	2.2	2.0	.9	.1	.0	.0	.0	.0	.0	.0	6.2	6.9
WNW	1.2	2.2	1.8	1.0	.4	.1	.0	.0	.0	.0	.0	6.7	7.8
W	.7	3.1	2.5	1.6	.8	.3	.1	.0	.0	.0	.0	9.1	9.7
WNW	1.0	1.8	1.7	1.4	.4	.2	.1	.0	.0	.0	.0	6.7	9.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.8	.0
ALL	11.2	27.3	29.3	17.2	3.8	1.0	.2	.1	.0	.0	.0	100.0	7.5

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : APR
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56							
N	.9	2.1	2.1	.9	.2	.1	.0	.0	.0	.0	.0	6.3	7.6					
NNE	.3	1.0	1.7	.7	.2	.0	.0	.0	.0	.0	.0	3.9	8.7					
NE	.5	1.2	1.1	.6	.2	.0	.0	.0	.0	.0	.0	3.7	8.1					
ENE	.8	.9	.9	.6	.0	.0	.0	.0	.0	.0	.0	3.2	7.2					
E	.5	.9	1.0	.3	.0	.0	.0	.0	.0	.0	.0	2.7	6.7					
ESE	.3	1.2	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.2	6.5					
SE	.7	1.2	1.0	1.0	.1	.0	.0	.0	.0	.0	.0	3.9	7.6					
SSE	.7	1.2	.8	.7	.1	.0	.0	.0	.0	.0	.0	3.5	7.1					
S	.9	1.8	1.1	.7	.1	.0	.0	.0	.0	.0	.0	4.6	6.8					
SSW	.7	1.0	2.3	2.2	.2	.1	.0	.0	.0	.0	.0	6.4	9.5					
SW	.6	1.8	2.8	3.3	.6	.1	.0	.0	.0	.0	.0	9.2	10.3					
WSW	.6	.9	2.4	1.2	.2	.0	.0	.0	.0	.0	.0	5.2	8.8					
W	1.1	2.9	1.8	.7	.0	.0	.0	.0	.0	.0	.0	6.5	6.6					
WNW	1.3	2.7	1.9	1.1	.3	.1	.1	.0	.0	.0	.0	7.5	7.7					
NW	1.6	2.9	2.6	2.4	.6	.4	.1	.0	.0	.0	.0	10.5	9.0					
NNW	1.0	1.9	2.9	1.5	.5	.2	.0	.0	.0	.0	.0	8.0	8.9					
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.8	.0					
ALL	12.5	25.5	26.7	18.2	3.2	1.0	.2	.0	.0	.0	.0	100.0	7.2					

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED
LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : APR
HOUR : 0700 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED
	1-5	6-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56								
N	.5	1.5	1.7	.6	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	8.6
NNE	.2	1.2	1.3	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	8.6
NE	.6	1.7	1.7	1.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	8.0
NNE	.6	.9	1.5	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	7.7
E	.5	2.0	1.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.6
ESE	.7	1.0	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.7
SE	.8	1.4	.9	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	7.2
SSE	.2	1.3	1.4	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	7.7
S	.4	1.3	1.4	.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	8.5
SSW	.5	.7	2.2	2.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	10.1
SW	.4	1.8	2.9	3.3	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.6	10.7
WSW	.2	1.4	1.8	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	8.5
W	1.1	2.7	2.1	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	6.8
WNW	1.4	2.3	3.1	1.7	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0	8.2
NW	1.0	3.4	3.7	2.2	1.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0	9.8
NNW	.6	2.1	2.2	2.1	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1	9.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	9.7	26.7	30.1	18.8	5.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	7.9

TOTAL NO. OF OBS : 1260

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : APR
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT.		1	3	4	-	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL	MEAN
DIR.																%	WIND
SPEED (KNOTS)																	
N	.7	2.5	2.7	1.7	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	8.9
NNE	.4	2.3	2.4	1.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	8.2
NE	.5	1.4	2.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	7.9
ENE	.3	1.5	1.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.0
E	.6	1.5	1.6	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	7.0
ESE	.2	2.3	1.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	6.7
SE	.3	2.9	3.5	1.9	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0	8.7
SSE	.2	.6	1.9	1.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	9.7
S	.1	.7	.8	1.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	10.5
SSW	.2	.7	1.8	2.8	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	11.3
SW	.6	.6	1.5	2.7	.9	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	12.3
WSW	.2	.5	2.2	1.1	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	10.8
W	.1	1.7	1.6	1.6	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.5	10.3
WNW	.5	1.4	2.1	2.3	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	7.1	10.4
NW	.2	1.8	4.1	3.7	1.4	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	12.2	12.2
NNW	.5	1.7	2.1	2.3	.7	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	7.3	10.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	.0
ALL	5.4	24.0	33.1	26.3	6.6	1.8	.5	.2	.0	.0	.0	.0	.0	.0	.0	100.0	9.6

TOTAL NO. OF OBS : 1258

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : APR
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.		1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL %	MEAN WIND SPEED	
		SPEED (KNOTS)													
N	.2	1.6	1.4	1.2	.2	.1	.0	.0	.0	.0	.0	.0	4.8	9.0	
NNE	.2	1.3	3.3	1.5	.1	.1	.0	.0	.0	.0	.0	.0	6.4	9.0	
NE	.5	2.0	3.7	1.6	.2	.1	.0	.0	.0	.0	.0	.0	8.0	8.7	
ENE	.6	.9	1.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	3.6	7.6	
E	.5	1.5	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.3	6.7	
ESE	.9	2.2	3.2	.8	.0	.0	.0	.0	.0	.0	.0	.0	7.1	7.0	
SE	.2	2.4	7.8	5.1	1.6	.2	.0	.0	.0	.0	.0	.0	17.2	10.5	
SSE	.1	1.7	2.2	3.5	.6	.1	.0	.0	.0	.0	.0	.0	8.2	10.8	
S	.0	.1	.6	1.4	.5	.2	.0	.0	.0	.0	.0	.0	2.8	13.2	
SSW	.1	.4	.7	1.8	.5	.1	.0	.0	.0	.0	.0	.0	3.6	12.2	
SW	.0	.2	1.5	2.5	1.2	.0	.0	.0	.0	.0	.0	.0	5.4	12.9	
WSW	.0	.2	1.0	2.1	.3	.1	.0	.0	.0	.0	.0	.0	3.8	12.6	
W	.1	.6	1.2	2.6	.5	.1	.0	.0	.0	.0	.0	.0	5.0	12.0	
WNW	.0	.6	1.3	2.5	.6	.2	.1	.0	.0	.0	.0	.0	5.2	12.5	
NW	.2	.8	2.0	3.2	1.7	.5	.2	.0	.0	.0	.0	.0	8.6	13.5	
NNW	.5	.6	2.4	1.8	.2	.2	.2	.0	.0	.0	.0	.0	5.9	11.1	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	
ALL	4.0	17.1	34.8	32.3	8.3	1.8	.5	.0	.0	.0	.0	.0	100.0	10.4	

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : APR
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-5	6-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	2	1	1	1	1	1	2	WIND
N	.6	1.2	2.1	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	8.2
NNE	.5	2.2	2.7	1.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	8.3
NE	.5	2.1	2.1	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	7.9
ENE	.3	.7	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.9
E	.5	1.0	1.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.2
ESE	.6	1.6	2.1	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	7.8
SE	.7	3.4	7.5	6.4	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19.0	9.6
SSE	.2	1.4	5.0	6.3	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.1	11.5
S	.0	.8	1.6	1.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	10.3
SSW	.0	.2	.6	1.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	11.7
SW	.0	.5	.7	1.8	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	12.5
WSW	.0	.3	1.1	1.6	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	12.7
W	.0	.7	1.3	1.8	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	12.1
WNW	.1	.4	1.8	1.9	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	11.5
NW	.2	.8	2.1	4.1	1.4	1.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.1	14.0
NNW	.2	.3	1.4	1.8	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	11.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	.0
ALL	4.2	17.7	34.1	32.2	7.2	2.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	10.3

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : APR
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.		1	-	3	4	-	6	7-10	11-16	17-21	SPEED (KNOTS)					28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN WIND SPEED
N		.8		1.5		1.4		.5		.3		.1		.0		.0		.0		.0	4.6	7.6
NNE		.7		1.3		.8		.5		.1		.2		.0		.0		.0		.0	3.5	7.3
NE		.6		.9		.8		.7		.2		.2		.0		.0		.0		.0	3.4	8.8
ENE		.3		.2		.5		.6		.0		.0		.0		.0		.0		.0	1.6	8.5
E		1.0		.6		1.3		.7		.1		.0		.0		.0		.0		.0	3.6	7.6
ESE		.6		.9		1.0		.7		.0		.1		.0		.0		.0		.0	3.2	7.7
SE		1.1		3.6		3.3		1.4		.2		.1		.0		.0		.0		.0	9.8	7.7
SSE		1.5		4.4		6.0		3.5		.6		.0		.0		.0		.0		.0	16.0	8.4
S		1.3		4.2		4.8		2.5		.2		.0		.0		.0		.0		.0	13.0	7.7
SSW		.4		.9		1.7		1.0		.2		.0		.0		.0		.0		.0	4.1	9.1
SW		.4		1.0		1.3		1.1		.2		.0		.0		.0		.0		.0	3.9	9.0
WSW		.1		.7		.6		.5		.2		.0		.0		.0		.0		.0	2.1	9.2
W		.4		1.6		1.3		.6		.1		.1		.0		.0		.0		.0	4.0	8.4
WNW		.6		.7		.8		1.5		.2		.4		.0		.0		.0		.0	4.2	10.6
NW		.6		1.1		3.1		2.1		1.0		.6		.2		.1		.0		.0	8.7	11.8
NNW		.4		1.4		1.2		1.5		.4		.6		.0		.0		.0		.0	5.5	10.7
VAR		.0		.0		.0		.0		.0		.0		.0		.0		.0		.0	.0	.0
CLM		.0		.0		.0		.0		.0		.0		.0		.0		.0		.0	8.9	.0
ALL		10.8		24.9		29.8		19.4		3.7		2.2		.2		.1		.0		.0	100.0	7.9

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : APR
 CLASS : ALL WEATHER HOUR : 2200 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	8	1	2	3	4	5	WIND
N	.6	1.4	2.4	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.4
NNE	.2	.6	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.6
NE	.4	.7	.7	1.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5
ENE	.3	.9	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6
E	.2	1.1	1.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4
ESE	.4	1.4	1.1	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2
SE	.5	2.1	2.6	1.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2
SSE	.6	3.0	3.7	1.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7
S	1.3	3.9	4.6	2.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.9
SSW	.6	1.6	3.3	2.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4
SW	.6	1.5	1.9	2.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.2
WSW	1.0	1.3	.5	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8
W	.7	1.2	2.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8
WNW	.8	1.1	1.0	1.3	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.6
NW	.6	1.5	1.5	1.5	.6	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.7
NNW	.6	1.0	2.2	1.2	.7	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	9.5	25.2	30.0	19.1	3.8	1.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7

TOTAL NO. OF OBS : 1258

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : APR
 HOUR : ALL

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.		SPEED (KNOTS)																TOTAL		MEAN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467	1468	1469	1470	1471	1472	1473	1474	1475	1476	1477	1478	1479	1480	1481	1482	1483	1484	1485	1486	1487	1488	1489	1490	1491	1492	1493	1494	1495	1496	1497	1498	1499	1500	1501	1502	1503	1504

TOTAL NO. OF OBS : 10076

NOTES :
 * = PERCENT < .05

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : APR
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.5	55.3	56.9	57.2	57.6	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.0	58.0
>=20000	24.9	59.0	60.6	61.1	61.6	61.6	61.7	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0
>=18000	24.9	59.0	60.6	61.1	61.6	61.6	61.7	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0
>=16000	24.9	59.0	60.6	61.1	61.6	61.6	61.7	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0
>=14000	25.1	59.4	61.0	61.5	62.0	62.0	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.4	62.4
>=12000	25.6	60.5	62.1	62.8	63.3	63.3	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.7	63.7
>=10000	26.5	64.4	66.2	67.0	67.6	67.6	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	68.0	68.0
>=9000	27.0	65.4	67.2	68.0	68.5	68.5	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.9	68.9
>=8000	27.8	69.5	71.5	72.4	73.0	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.5	73.5
>=7000	28.3	70.8	72.8	73.7	74.3	74.3	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.7	74.7
>=6000	28.8	72.2	74.4	75.3	75.9	75.9	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3
>=5000	29.2	73.9	76.2	77.1	77.7	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.2	78.2
>=4500	29.4	74.9	77.2	78.3	78.9	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4	79.4
>=4000	29.7	77.1	79.5	80.6	81.3	81.3	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.7
>=3500	30.2	78.2	80.6	81.8	82.5	82.5	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	83.0	83.0
>=3000	30.6	80.0	82.5	83.8	84.6	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.2	85.2
>=2500	30.7	80.8	83.4	84.7	85.5	85.5	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	86.1	86.1
>=2000	30.9	81.8	84.6	85.9	86.8	86.8	87.0	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.4	87.4
>=1800	30.9	81.9	84.6	86.2	87.0	87.0	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.7	87.7
>=1500	31.1	82.9	85.8	87.4	88.5	88.5	88.8	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.3	89.3
>=1200	31.2	83.4	86.4	88.1	89.2	89.3	89.6	89.7	89.7	89.8	89.9	89.9	89.9	89.9	90.2	90.2
>=1000	31.2	84.0	87.2	89.1	90.3	90.4	90.7	90.8	90.8	90.9	91.1	91.1	91.1	91.1	91.3	91.3
>=900	31.2	84.3	87.5	89.6	90.8	91.0	91.3	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.9	91.9
>=800	31.2	84.6	87.8	89.9	91.3	91.5	91.9	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.4	92.4
>=700	31.2	84.7	88.2	90.6	92.0	92.2	92.7	92.8	92.8	92.9	93.1	93.1	93.1	93.1	93.3	93.3
>=600	31.2	85.4	88.8	91.5	93.0	93.2	93.6	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.3	94.3
>=500	31.2	85.5	89.1	91.8	93.3	93.7	94.3	94.5	94.5	94.7	94.9	94.9	94.9	94.9	95.1	95.1
>=400	31.2	85.7	89.5	92.4	94.1	94.6	95.3	95.8	95.8	96.0	96.1	96.1	96.1	96.1	96.4	96.4
>=300	31.2	85.8	89.5	92.6	94.4	95.0	95.8	96.5	96.5	96.9	97.0	97.0	97.0	97.0	97.3	97.3
>=200	31.2	85.9	89.8	92.8	94.7	95.3	96.2	97.0	97.0	97.6	97.7	97.7	97.7	97.7	98.1	98.1
>=100	31.2	85.9	89.8	92.9	94.9	95.4	96.4	97.2	97.2	98.0	98.2	98.2	98.2	98.4	99.1	99.3
>= 0	31.2	85.9	89.8	92.9	94.9	95.4	96.4	97.2	97.2	98.0	98.2	98.2	98.4	98.4	99.3	100.0

TOTAL NO. OF OBS : 1243

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : APR
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.4	52.9	54.4	55.6	56.0	56.2	56.2	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.5	56.6
>=20000	23.0	56.0	57.5	58.9	59.3	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.8	59.9
>=18000	23.0	56.0	57.5	58.9	59.3	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.8	59.9
>=16000	23.0	56.1	57.6	59.0	59.4	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.9	60.0
>=14000	23.3	56.6	58.2	59.6	60.0	60.1	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.5	60.5
>=12000	24.3	57.9	59.5	60.9	61.3	61.4	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.8	61.8
>=10000	25.1	61.9	63.6	65.2	65.6	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.1	66.2
>=9000	25.6	62.7	64.4	66.0	66.5	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.2
>=8000	26.3	66.6	68.4	70.1	70.7	71.1	71.2	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.5	71.6
>=7000	26.8	68.4	70.2	72.0	72.6	72.9	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.4
>=6000	27.1	69.3	71.3	73.1	73.7	74.1	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.5	74.6
>=5000	27.8	71.1	73.2	75.0	75.7	76.0	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.4	76.5
>=4500	28.0	72.0	74.1	75.9	76.7	77.0	77.1	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.4	77.5
>=4000	28.3	73.8	75.9	77.7	78.6	78.9	79.1	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.4
>=3500	28.3	74.7	77.0	78.8	79.7	80.1	80.2	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.5	80.6
>=3000	28.5	76.2	78.7	80.7	81.8	82.1	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.6	82.7
>=2500	28.6	77.1	79.7	81.9	83.0	83.3	83.5	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.9	84.0
>=2000	28.9	77.8	80.5	82.7	83.8	84.1	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.7	84.8
>=1800	29.0	78.0	80.6	82.8	84.0	84.3	84.5	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.9
>=1500	29.0	78.3	81.4	83.8	84.9	85.3	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.8	85.9
>=1200	29.3	79.2	82.3	84.8	86.1	86.5	86.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.1
>=1000	29.3	80.1	83.5	86.1	87.4	87.9	88.2	88.2	88.2	88.6	88.6	88.6	88.6	88.6	88.7	88.7
>=900	29.3	80.3	83.8	86.6	88.1	88.6	88.9	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.3	89.4
>=800	29.3	80.8	84.4	87.4	89.1	89.5	90.0	90.0	90.0	90.3	90.3	90.4	90.4	90.4	90.4	90.5
>=700	29.3	81.0	84.8	87.8	89.7	90.4	90.8	90.8	90.8	91.1	91.1	91.2	91.2	91.2	91.2	91.3
>=600	29.4	81.1	85.3	88.7	90.7	91.5	92.0	92.0	92.0	92.3	92.3	92.4	92.4	92.4	92.5	92.6
>=500	29.5	81.7	86.2	89.5	91.7	92.7	93.3	93.3	93.3	93.8	93.8	93.9	93.9	93.9	94.1	94.2
>=400	29.5	81.9	86.5	90.0	92.3	93.4	94.1	94.2	94.2	95.0	95.0	95.1	95.1	95.1	95.2	95.3
>=300	29.5	81.9	86.7	90.4	92.8	93.8	94.9	95.1	95.2	96.4	96.4	96.5	96.7	96.7	96.8	96.9
>=200	29.5	81.9	86.7	90.4	93.0	94.1	95.4	95.7	95.8	97.2	97.2	97.5	97.6	97.8	98.0	98.1
>=100	29.5	81.9	86.7	90.4	93.0	94.1	95.4	95.9	95.9	97.5	97.5	97.8	97.9	98.2	98.5	99.0
>= 0	29.5	81.9	86.7	90.4	93.0	94.1	95.4	95.9	95.9	97.5	97.5	97.8	97.9	98.3	98.8	100.0

TOTAL NO. OF OBS : 1234

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : APR
HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.0	45.9	47.7	48.7	49.1	49.3	49.4	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.8
>=20000	21.8	49.5	51.7	52.8	53.2	53.4	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.9
>=18000	21.8	49.7	51.9	52.9	53.4	53.6	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.1
>=16000	22.0	49.9	52.1	53.2	53.6	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.3
>=14000	22.4	50.6	52.8	53.9	54.4	54.5	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.0
>=12000	22.7	51.8	54.1	55.2	55.7	55.8	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.4
>=10000	24.0	55.9	58.3	59.5	60.0	60.3	60.5	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.1
>= 9000	24.5	57.1	59.6	60.7	61.3	61.5	61.8	61.9	61.9	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3
>= 8000	25.9	62.2	65.0	66.3	67.0	67.4	67.8	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.5
>= 7000	26.5	63.9	66.9	68.2	69.0	69.4	69.9	70.1	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.6
>= 6000	27.0	65.3	68.5	69.8	70.6	71.0	71.4	71.6	71.6	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1
>= 5000	27.7	67.4	70.8	72.5	73.6	74.0	74.4	74.7	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.2
>= 4500	28.0	68.4	71.8	73.6	74.8	75.3	75.8	76.1	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.6
>= 4000	28.7	70.2	73.7	75.7	76.9	77.4	77.9	78.2	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.7
>= 3500	29.0	71.1	74.7	76.7	78.0	78.5	79.0	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.9
>= 3000	29.3	72.4	76.3	78.4	79.7	80.2	80.7	81.1	81.1	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.7	81.8
>= 2500	29.5	73.0	77.1	79.4	80.7	81.3	81.8	82.3	82.3	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.9
>= 2000	29.6	73.6	77.8	80.2	81.6	82.2	82.7	83.2	83.2	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.8	83.9
>= 1800	29.6	73.7	78.0	80.4	81.8	82.3	82.9	83.4	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.8	84.0	84.0
>= 1500	30.0	74.6	79.0	81.7	83.1	83.7	84.3	84.8	84.8	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.5
>= 1200	30.1	75.0	79.4	82.3	83.6	84.3	84.9	85.4	85.4	85.7	85.9	85.9	85.9	85.9	85.9	85.9	86.1	86.1
>= 1000	30.1	75.7	80.5	83.3	84.8	85.5	86.4	87.0	87.1	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.8	87.9
>= 900	30.1	75.9	80.6	83.5	85.1	85.8	86.7	87.4	87.4	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.2	88.3
>= 800	30.1	76.3	81.0	84.2	85.8	86.6	87.5	88.2	88.2	88.6	88.8	88.8	88.8	88.8	88.8	88.8	89.2	89.3
>= 700	30.2	76.6	81.4	84.6	86.5	87.5	88.5	89.4	89.4	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.4	90.5
>= 600	30.2	76.9	82.0	85.4	87.8	88.9	90.0	90.9	91.1	91.4	91.7	91.7	91.7	91.7	91.7	91.7	92.1	92.1
>= 500	30.3	77.3	82.6	86.4	89.2	90.4	91.7	92.7	92.9	93.4	93.7	93.7	93.7	93.7	93.7	93.7	94.2	94.4
>= 400	30.3	77.5	82.9	86.8	89.8	91.0	92.5	93.8	93.9	94.6	94.9	94.9	94.9	94.9	94.9	94.9	95.5	95.6
>= 300	30.3	77.5	82.9	87.0	90.1	91.5	93.0	94.5	94.7	95.5	95.9	95.9	95.9	95.9	95.9	95.9	96.3	96.8
>= 200	30.3	77.5	82.9	87.0	90.1	91.5	93.0	94.5	94.7	95.6	96.4	96.4	96.4	96.4	96.4	96.4	97.1	97.7
>= 100	30.3	77.5	82.9	87.0	90.1	91.5	93.0	94.5	94.7	95.6	96.4	96.4	96.4	96.4	96.4	96.4	97.4	98.4
>= 0	30.3	77.5	82.9	87.0	90.1	91.5	93.0	94.5	94.7	95.6	96.4	96.4	96.4	96.4	96.4	96.4	97.6	100.0

TOTAL NO. OF OBS : 1234

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : APR
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)																
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	27.7	48.9	49.8	50.3	50.4	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7
>=20000	28.6	53.1	54.1	54.6	54.7	54.9	54.9	54.9	54.9	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.1
>=18000	28.6	53.1	54.1	54.6	54.7	54.9	54.9	54.9	54.9	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.1
>=16000	28.7	53.3	54.2	54.8	54.9	55.1	55.1	55.1	55.1	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3
>=14000	29.3	54.5	55.5	56.0	56.1	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.5	56.5	56.5	56.5
>=12000	30.3	56.3	57.3	58.0	58.1	58.3	58.3	58.3	58.3	58.3	58.4	58.5	58.5	58.6	58.6	58.6	58.6
>=10000	31.2	60.0	61.0	61.9	62.0	62.3	62.3	62.3	62.3	62.3	62.4	62.5	62.5	62.6	62.6	62.6	62.6
>= 9000	31.5	60.4	61.5	62.5	62.6	62.9	62.9	62.9	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1
>= 8000	32.3	65.7	67.1	68.2	68.5	68.9	69.0	69.0	69.0	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2
>= 7000	32.7	66.9	68.4	69.4	69.8	70.2	70.3	70.3	70.3	70.3	70.4	70.5	70.5	70.6	70.6	70.6	70.6
>= 6000	33.0	68.1	69.6	70.6	71.0	71.5	71.5	71.5	71.5	71.5	71.6	71.7	71.7	71.8	71.8	71.8	71.8
>= 5000	33.8	70.5	72.1	73.2	73.7	74.1	74.2	74.2	74.2	74.2	74.3	74.4	74.4	74.5	74.5	74.5	74.5
>= 4500	34.3	71.3	73.0	74.2	74.7	75.2	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5
>= 4000	35.4	73.7	75.5	76.9	77.4	78.0	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.3
>= 3500	35.9	74.8	76.6	78.0	78.5	79.1	79.2	79.2	79.2	79.2	79.3	79.4	79.4	79.5	79.5	79.5	79.5
>= 3000	36.5	76.9	78.8	80.5	81.2	81.8	81.9	81.9	81.9	81.9	82.0	82.1	82.1	82.2	82.2	82.2	82.2
>= 2500	37.0	78.2	80.2	82.1	82.8	83.4	83.5	83.5	83.5	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8
>= 2000	37.7	79.9	82.1	84.0	84.8	85.4	85.6	85.6	85.6	85.6	85.7	85.8	85.8	86.0	86.0	86.0	86.0
>= 1800	37.8	80.3	82.5	84.4	85.2	85.8	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.4	86.4	86.4	86.4
>= 1500	38.0	81.4	83.7	85.6	86.5	87.0	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.6	87.6	87.6	87.6
>= 1200	38.0	82.2	84.6	86.5	87.4	88.0	88.3	88.3	88.3	88.3	88.4	88.5	88.5	88.7	88.7	88.7	88.7
>= 1000	38.0	82.8	85.2	87.4	88.3	89.0	89.3	89.3	89.3	89.3	89.5	89.6	89.6	89.7	89.7	89.7	89.7
>= 900	38.1	83.0	85.6	87.8	88.9	89.7	90.1	90.1	90.1	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.5
>= 800	38.1	83.0	86.0	88.2	89.6	90.6	91.1	91.1	91.1	91.1	91.4	91.5	91.5	91.7	91.7	91.7	91.7
>= 700	38.1	83.4	86.4	88.8	90.3	91.4	92.0	92.1	92.1	92.1	92.5	92.6	92.6	92.7	92.7	92.7	92.7
>= 600	38.2	83.8	86.9	89.6	91.5	92.7	93.4	93.6	93.6	93.6	94.0	94.0	94.0	94.2	94.2	94.2	94.2
>= 500	38.2	84.0	87.4	90.2	92.4	93.7	94.5	94.9	94.9	94.9	95.4	95.5	95.5	95.7	95.7	95.7	95.7
>= 400	38.2	84.0	87.5	90.4	93.0	94.4	95.4	96.0	96.0	96.0	96.7	96.8	96.8	97.1	97.1	97.2	97.2
>= 300	38.2	84.1	87.8	90.6	93.4	94.9	96.2	96.9	97.0	97.0	97.8	98.0	98.0	98.4	98.5	98.6	98.6
>= 200	38.2	84.1	87.8	90.6	93.4	94.9	96.3	97.1	97.1	97.1	98.1	98.4	98.5	98.9	99.0	99.3	99.4
>= 100	38.2	84.1	87.8	90.6	93.5	95.0	96.5	97.2	97.3	97.3	98.4	98.7	98.8	99.3	99.4	99.8	100.0
>= 0	38.2	84.1	87.8	90.6	93.5	95.0	96.5	97.2	97.3	97.3	98.4	98.7	98.8	99.3	99.4	99.8	100.0

TOTAL NO. OF OBS : 1226

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : APR
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	26.0	45.2	45.9	46.3	46.6	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
>=20000	28.1	51.2	51.9	52.6	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
>=18000	28.3	51.7	52.4	53.1	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
>=16000	28.4	51.9	52.6	53.3	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
>=14000	28.6	52.5	53.2	53.9	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
>=12000	29.1	54.0	54.8	55.5	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
>=10000	30.0	57.1	57.9	58.8	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
>=9000	30.1	57.5	58.4	59.2	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
>=8000	31.6	62.1	63.2	64.1	64.5	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
>=7000	32.2	63.3	64.8	65.8	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
>=6000	33.2	65.0	66.7	67.7	68.1	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
>=5000	34.4	68.0	70.2	71.2	71.6	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
>=4500	34.7	69.4	71.7	72.8	73.2	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
>=4000	35.8	72.0	74.3	75.5	76.0	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
>=3500	36.8	74.3	76.7	77.9	78.6	78.7	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
>=3000	38.6	78.9	81.5	82.8	83.5	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
>=2500	39.1	80.4	83.1	84.5	85.2	85.4	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
>=2000	39.8	82.0	84.7	86.4	87.2	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
>=1800	39.8	82.2	84.8	86.6	87.4	87.6	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
>=1500	40.1	83.7	86.6	88.7	89.8	90.0	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
>=1200	40.2	84.6	87.8	90.3	91.5	91.7	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
>=1000	40.3	85.1	88.4	91.1	92.5	92.7	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
>=900	40.3	85.2	88.6	91.4	92.8	93.0	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
>=800	40.3	85.3	88.8	91.7	93.3	93.8	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
>=700	40.3	85.4	89.0	92.2	94.0	94.6	95.4	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
>=600	40.3	85.7	89.5	92.9	94.8	95.5	96.6	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
>=500	40.3	85.7	89.6	93.1	95.0	95.8	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
>=400	40.3	85.7	89.6	93.2	95.4	96.3	97.9	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
>=300	40.3	85.7	89.6	93.2	95.4	96.4	98.1	98.8	98.8	99.2	99.2	99.3	99.3	99.3	99.3
>=200	40.3	85.7	89.6	93.2	95.4	96.4	98.1	98.9	98.9	99.3	99.3	99.5	99.5	99.5	99.5
>=100	40.3	85.7	89.6	93.2	95.4	96.4	98.1	98.9	98.9	99.3	99.3	99.6	99.6	99.6	99.6
>=0	40.3	85.7	89.6	93.2	95.4	96.4	98.1	98.9	98.9	99.3	99.3	99.6	99.6	99.6	99.6

TOTAL NO. OF OBS : 1227

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : APR
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.6	46.2	47.2	47.6	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
>=20000	27.2	51.7	53.0	53.4	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
>=18000	27.4	52.3	53.5	54.0	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
>=16000	27.4	52.5	53.7	54.2	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
>=14000	27.9	53.0	54.4	54.8	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
>=12000	28.9	54.8	56.3	56.8	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
>=10000	29.9	57.3	59.0	59.5	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
>= 9000	30.3	57.9	59.6	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
>= 8000	31.4	62.2	64.0	64.7	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
>= 7000	32.3	63.6	65.8	66.6	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
>= 6000	33.3	65.1	67.4	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
>= 5000	34.9	68.6	71.0	72.1	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
>= 4500	35.8	70.9	73.4	74.5	74.9	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
>= 4000	37.4	75.2	77.8	78.9	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
>= 3500	37.9	76.6	79.3	80.5	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
>= 3000	38.8	80.5	83.5	85.1	85.6	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
>= 2500	39.3	82.1	85.3	86.9	87.4	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
>= 2000	40.0	83.9	87.3	89.0	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
>= 1800	40.0	83.9	87.3	89.0	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
>= 1500	40.1	84.9	88.3	90.4	91.1	91.4	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
>= 1200	40.1	85.2	88.7	91.1	91.9	92.3	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
>= 1000	40.1	85.4	89.0	91.9	93.0	93.5	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
>= 900	40.1	85.6	89.3	92.3	93.4	94.0	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
>= 800	40.1	85.7	89.5	92.4	93.7	94.5	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
>= 700	40.1	85.8	89.7	92.9	94.4	95.6	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
>= 600	40.1	85.8	90.0	93.2	94.7	95.9	96.6	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9
>= 500	40.1	86.0	90.2	93.6	95.2	96.5	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
>= 400	40.1	86.0	90.4	93.8	95.6	97.0	97.9	97.9	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>= 300	40.1	86.1	90.5	93.8	95.6	97.1	98.2	98.4	98.4	99.1	99.2	99.3	99.4	99.6	99.6	99.6
>= 200	40.1	86.1	90.5	93.8	95.7	97.2	98.3	98.5	98.6	99.3	99.5	99.6	99.8	99.9	99.9	99.9
>= 100	40.1	86.1	90.5	93.8	95.7	97.2	98.3	98.5	98.6	99.3	99.5	99.6	99.8	99.9	99.9	100.0
>= 0	40.1	86.1	90.5	93.8	95.7	97.2	98.3	98.5	98.6	99.3	99.5	99.6	99.8	99.9	99.9	100.0

TOTAL NO. OF OBS : 1218

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER. MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : APR
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.8	50.2	51.3	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
>=20000	24.0	55.4	56.7	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
>=18000	24.0	55.6	56.9	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
>=16000	24.2	55.8	57.1	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
>=14000	24.5	56.4	57.7	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
>=12000	25.5	58.4	60.0	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
>=10000	26.3	61.6	63.4	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
>=9000	26.7	62.1	63.9	64.7	64.9	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
>=8000	28.2	67.5	69.5	70.5	70.9	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
>=7000	28.8	68.9	71.1	72.1	72.5	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
>=6000	29.5	70.7	73.0	74.0	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
>=5000	30.5	73.9	76.2	77.4	77.9	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
>=4500	30.9	75.4	77.8	79.2	79.7	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
>=4000	31.8	78.4	80.9	82.5	83.1	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
>=3500	32.0	79.1	81.6	83.2	83.9	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
>=3000	32.4	81.1	84.0	85.7	86.6	86.9	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
>=2500	32.5	81.9	84.9	86.7	87.7	88.0	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
>=2000	32.8	83.1	86.2	88.2	89.3	89.8	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
>=1800	32.8	83.4	86.6	88.5	89.8	90.2	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
>=1500	32.8	83.7	87.2	89.3	90.6	91.1	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
>=1200	32.9	84.2	87.7	89.8	91.2	91.8	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
>=1000	32.9	84.5	88.1	90.7	92.1	92.8	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
>=900	32.9	84.6	88.3	91.0	92.5	93.4	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
>=800	32.9	84.7	88.4	91.2	93.0	93.9	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
>=700	32.9	84.8	88.5	91.6	93.4	94.4	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
>=600	32.9	84.8	88.6	91.9	93.9	95.0	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
>=500	32.9	84.9	89.0	92.4	94.5	95.8	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
>=400	32.9	84.9	89.1	92.5	94.7	96.1	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
>=300	32.9	84.9	89.1	92.7	94.8	96.2	97.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
>=200	32.9	84.9	89.1	92.7	94.8	96.2	97.2	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
>=100	32.9	84.9	89.1	92.7	94.8	96.2	97.2	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
>=0	32.9	84.9	89.1	92.7	94.8	96.2	97.2	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NO. OF OBS : 1220

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : APR
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.3	55.9	56.9	57.3	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
>=20000	24.9	59.3	60.4	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
>=18000	24.9	59.4	60.5	61.3	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
>=16000	25.0	59.5	60.6	61.5	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
>=14000	25.2	59.8	60.9	61.7	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
>=12000	25.6	61.2	62.3	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
>=10000	26.8	65.2	66.5	67.5	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
>=9000	27.3	66.2	67.4	68.5	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
>=8000	28.0	69.7	71.0	72.1	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
>=7000	28.7	71.5	72.9	74.2	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
>=6000	29.1	72.7	74.2	75.6	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
>=5000	30.2	75.4	76.9	78.3	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
>=4500	30.6	76.8	78.3	79.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
>=4000	31.0	78.5	80.2	81.6	82.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
>=3500	31.4	79.3	81.0	82.5	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
>=3000	31.6	81.5	83.4	84.9	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
>=2500	31.6	82.0	84.1	85.7	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
>=2000	31.9	83.5	85.8	87.6	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
>=1800	31.9	84.0	86.2	88.1	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
>=1500	31.9	84.7	87.2	89.4	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
>=1200	31.9	84.8	87.5	90.1	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
>=1000	32.1	85.2	88.1	90.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
>=900	32.1	85.3	88.1	91.1	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
>=800	32.1	85.8	88.7	91.8	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
>=700	32.1	86.3	89.3	92.4	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
>=600	32.1	86.5	89.5	92.9	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
>=500	32.3	86.9	89.9	93.5	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
>=400	32.3	86.9	90.2	93.8	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
>=300	32.3	86.9	90.2	93.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
>=200	32.3	86.9	90.2	93.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
>=100	32.3	86.9	90.2	94.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
>=0	32.3	86.9	90.2	94.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1

TOTAL NO. OF OBS : 1240

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : APR
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4
UNLIMIT	24.3	50.1	51.3	51.8	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4
>=20000	25.3	54.4	55.8	56.5	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1
>=18000	25.4	54.6	55.9	56.7	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
>=16000	25.4	54.8	56.1	56.8	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
>=14000	25.8	55.4	56.7	57.5	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
>=12000	26.5	56.9	58.3	59.1	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
>=10000	27.5	60.4	62.0	62.9	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
>=9000	27.9	61.2	62.8	63.7	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
>=8000	28.9	65.7	67.5	68.6	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
>=7000	29.5	67.2	69.1	70.3	70.7	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
>=6000	30.1	68.6	70.6	71.8	72.3	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
>=5000	31.0	71.1	73.3	74.6	75.2	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
>=4500	31.5	72.4	74.7	76.0	76.6	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
>=4000	32.2	74.9	77.2	78.7	79.4	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
>=3500	32.7	76.0	78.4	79.9	80.6	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
>=3000	33.3	78.4	81.1	82.7	83.6	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
>=2500	33.5	79.4	82.2	84.0	84.8	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
>=2000	33.9	80.7	83.6	85.5	86.4	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
>=1800	33.9	80.9	83.8	85.7	86.7	87.0	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
>=1500	34.1	81.8	84.9	87.0	88.1	88.4	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
>=1200	34.2	82.3	85.5	87.9	89.0	89.3	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
>=1000	34.2	82.8	86.2	88.8	90.1	90.5	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
>=900	34.3	83.0	86.5	89.2	90.5	91.0	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
>=800	34.3	83.3	86.8	89.6	91.1	91.7	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
>=700	34.3	83.5	87.2	90.1	91.8	92.5	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
>=600	34.3	83.7	87.6	90.8	92.6	93.4	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
>=500	34.3	84.0	88.0	91.3	93.3	94.3	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
>=400	34.3	84.1	88.2	91.6	93.8	94.9	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
>=300	34.3	84.1	88.3	91.8	94.1	95.2	96.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
>=200	34.3	84.1	88.3	91.8	94.1	95.3	96.5	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
>=100	34.3	84.1	88.3	91.8	94.2	95.3	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
>=0	34.3	84.1	88.3	91.8	94.2	95.3	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NO. OF OBS : 9842

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : MAY
 HOUR : C10C LST

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

16 PT.		1	3	4	6	7-10	11-16	17-21	SPEED (KNOTS)			28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN
DIR.																	%	SPEED
N		.5	1.0			1.5	.8		.2		.0	.0	.0	.0	.0	.0	3.9	8.1
NNE		.5	1.0			.8	.5		.2		.0	.0	.0	.0	.0	.0	3.1	8.5
NE		.4	2.2			1.3	.8		.2		.0	.0	.0	.0	.0	.0	4.9	7.7
ENE		.5	.6			.7	.7		.0		.0	.0	.0	.0	.0	.0	2.5	7.3
E		1.0	1.4			.8	.2		.1		.0	.0	.0	.0	.0	.0	3.5	5.8
ESE		.9	1.1			.9	.4		.0		.0	.0	.0	.0	.0	.0	3.3	6.1
SE		1.0	1.5			1.0	.4		.1		.2	.0	.0	.0	.0	.0	4.1	7.0
SSE		.8	1.6			2.5	.3		.2		.0	.0	.0	.0	.0	.0	5.5	7.2
S		2.8	4.3			3.6	.7		.2		.0	.0	.0	.0	.0	.0	11.5	6.1
SSW		.5	1.9			3.7	2.7		.2		.0	.0	.0	.0	.0	.0	9.1	9.1
SW		1.0	2.0			4.0	2.8		.2		.0	.0	.0	.0	.0	.0	10.0	8.7
WSW		.5	1.5			1.4	.8		.2		.0	.0	.0	.0	.0	.0	4.5	7.9
W		1.2	2.2			1.5	.3		.0		.0	.0	.0	.0	.0	.0	5.2	5.9
WNW		1.1	2.6			.8	.5		.1		.0	.0	.0	.0	.0	.0	5.1	5.8
NW		1.8	1.9			1.4	1.0		.4		.2	.0	.0	.0	.0	.0	6.8	7.7
NNW		1.0	1.9			2.0	.5		.3		.2	.0	.0	.0	.0	.0	5.9	7.7
VAR		.0	.0			.0	.0		.0		.0	.0	.0	.0	.0	.0	.0	.0
CLM		.0	.0			.0	.0		.0		.0	.0	.0	.0	.0	.0	11.1	.0
ALL		15.5	28.9			28.0	13.6		2.3		.5	.0	.0	.0	.0	.0	100.0	6.6

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : MAY
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL		MEAN	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	%	%	%	%	%	%	%	%
N	1.3	1.8	1.9	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	6.5
NNE	.5	.9	1.6	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	8.0
NE	.8	1.6	1.2	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	7.9
ENE	.2	1.1	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	7.1
E	.5	.9	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	6.6
ESE	.4	.9	.7	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	7.0
SE	.6	1.4	1.4	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	7.1
SSE	1.2	1.8	1.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	5.7
S	1.1	2.5	1.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	6.0
SSW	.7	2.2	3.8	2.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4	8.7
SW	.8	1.4	3.5	2.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.4	9.3
WSW	.9	1.7	1.4	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	7.0
W	2.5	2.3	1.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	5.1
WNW	2.0	2.8	1.6	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	5.8
NW	1.8	2.9	1.2	1.1	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6	7.3
NNW	1.0	2.1	2.0	1.3	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	8.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.1	.0
ALL	16.2	28.3	26.1	12.4	2.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	6.2

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : MAY
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75	76-80		
N	.9	2.1	1.5	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	7.3
NNE	.3	1.8	1.3	.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	8.4
NE	.4	2.6	2.1	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	7.5
ENE	.5	1.5	1.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.6
E	.5	1.1	1.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	7.1
ESE	.3	.9	.8	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	7.6
SE	.5	1.0	1.2	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	7.7
SSE	.5	1.3	.9	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	6.6
S	1.1	1.5	2.2	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	7.0
SSW	.6	1.6	3.4	1.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	9.0
SW	.2	1.7	3.8	3.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.2	9.8
WSW	.3	1.5	3.1	1.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	8.4
W	1.6	3.0	2.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	5.9
WNW	1.2	2.7	2.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	6.4
NW	2.3	3.8	1.8	1.7	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.4	8.0
NNW	.8	2.8	2.0	1.1	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	8.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	.0
ALL	12.1	30.9	31.6	15.5	2.2	.9	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	100.0	7.2

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : MAY
 CLASS : ALL WEATHER HOUR : 1000 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																TOTAL	MEAN
16 PT. 1 - 31 4 - 61 7-101 11-161 17-211 22-271 28-331 34-401 41-471 48-551 >=561																%	WIND
DIR.	1	-	31	4	-	61	7-101	11-161	17-211	22-271	28-331	34-401	41-471	48-551	>=561		
N	.8			3.5		3.1	.9	.2	.1	.0	.0	.0	.0	.0	.0	8.7	7.5
NNE	.7			3.4		3.3	.8	.0	.1	.0	.0	.0	.0	.0	.0	8.3	7.3
NE	.7			2.8		1.9	.5	.1	.0	.0	.0	.0	.0	.0	.0	6.0	6.7
ENE	.8			1.7		.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	3.5	5.8
E	.5			2.8		1.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	4.8	6.1
ESE	.8			2.3		1.7	.5	.0	.1	.0	.0	.0	.0	.0	.0	5.4	6.7
SE	.8			2.7		3.8	1.2	.2	.0	.0	.0	.0	.0	.0	.0	8.7	7.8
SSE	.2			.9		1.7	.9	.1	.0	.0	.0	.0	.0	.0	.0	3.8	8.8
S	.2			1.2		1.8	.8	.1	.0	.0	.0	.0	.0	.0	.0	4.1	8.2
SSW	.2			.8		2.9	2.2	.1	.0	.0	.0	.0	.0	.0	.0	6.2	9.7
SW	.4			.9		2.8	2.6	.3	.0	.0	.0	.0	.0	.0	.0	7.0	10.0
WSW	.1			.9		2.5	1.4	.3	.0	.0	.0	.0	.0	.0	.0	5.1	9.9
W	.4			1.2		1.4	1.3	.0	.0	.0	.0	.0	.0	.0	.0	4.3	8.6
WNW	.2			2.2		2.2	1.2	.4	.2	.0	.0	.0	.0	.0	.0	6.4	9.2
NW	.7			1.6		3.2	2.9	.8	.3	.0	.0	.0	.0	.0	.0	9.6	10.4
NNW	.8			1.4		1.9	1.0	.1	.1	.0	.0	.0	.0	.0	.0	5.2	8.0
VAR	.0			.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0			.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	.0
ALL	8.2			30.3		36.2	19.0	2.7	.8	.0	.0	.0	.0	.0	.0	100.0	8.1

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : MAY
 CLASS : ALL WEATHER HOUR : 1300 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT.		1	-	3	4	-	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN	
DIR.		SPEED (KNOTS)																%	SPEED
N	.7	3.0						1.8	.7	.2	.0	.0	.0	.0	.0	.0	6.3	6.9	
NNE	.5	3.4						3.3	.9	.2	.0	.0	.0	.0	.0	.0	8.3	7.5	
NE	.8	2.6						2.8	.8	.2	.0	.0	.0	.0	.0	.0	7.3	7.5	
ENE	.2	1.1						.8	.5	.0	.0	.0	.0	.0	.0	.0	2.7	7.2	
E	.4	2.2						1.4	.3	.1	.0	.0	.0	.0	.0	.0	4.3	6.6	
ESE	.5	1.9						2.6	.9	.1	.1	.0	.0	.0	.0	.0	6.1	7.9	
SE	.4	3.0						8.0	5.5	1.2	.2	.1	.0	.0	.0	.0	18.3	10.2	
SSE	.1	1.9						3.5	3.1	.5	.1	.0	.0	.0	.0	.0	9.2	9.8	
S	.2	.5						1.3	1.7	.2	.0	.0	.0	.0	.0	.0	3.9	10.3	
SSW	.1	.4						1.5	1.6	.4	.0	.0	.0	.0	.0	.0	3.9	11.2	
SW	.0	.5						1.5	1.9	.6	.1	.0	.0	.0	.0	.0	4.6	11.7	
WSW	.0	.3						1.5	1.9	.2	.0	.0	.0	.0	.0	.0	4.0	11.2	
W	.4	.4						1.9	.8	.2	.0	.0	.0	.0	.0	.0	3.7	9.1	
WNW	.2	.7						1.3	1.5	.1	.2	.0	.0	.0	.0	.0	3.9	10.5	
NW	.4	1.4						2.2	1.8	1.2	.2	.0	.0	.0	.0	.0	7.0	11.0	
NNW	.5	1.0						1.2	1.3	.3	.0	.0	.0	.0	.0	.0	4.2	9.3	
VAR	.0	.0						.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0						.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	.0	
ALL	5.2	24.3						36.5	25.3	5.6	.8	.1	.0	.0	.0	.0	100.0	9.1	

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : MAY
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	1	2	3	4	5		
N	.8	2.0	2.6	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	7.8
NNE	.7	3.2	2.4	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	6.9
NE	.9	2.0	2.4	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	6.9
ENE	.5	1.1	.8	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	7.1
E	.4	1.8	1.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	6.8
ESE	.5	1.9	2.4	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	7.2
SE	.7	4.1	7.5	5.5	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.7	9.5
SSE	.3	2.2	6.0	7.1	.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.7	10.8
S	.1	.5	1.2	1.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	10.7
SSW	.2	.4	1.7	1.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	10.3
SW	.2	.3	2.0	1.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	10.2
WSW	.2	.2	1.3	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	9.8
W	.2	.8	2.0	1.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	9.6
WNW	.2	.5	1.4	.9	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	10.7
NW	.2	1.4	1.6	1.5	.8	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	11.1
NNW	.3	.8	1.1	.8	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	9.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	.0
ALL	6.5	23.1	37.3	25.3	4.6	1.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	9.0

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	WIND	SPEED				
N	1.0	1.8	1.3	.5	.2	.0	.0	.0	.0	.0	.0	4.8	6.5					
NNE	1.8	1.3	.7	.6	.1	.1	.0	.0	.0	.0	.0	4.6	5.9					
NE	.3	1.3	.8	.7	.2	.0	.0	.0	.0	.0	.0	3.3	8.3					
ENE	.2	.8	.9	.4	.0	.0	.0	.0	.0	.0	.0	2.3	7.2					
E	.6	1.4	1.2	.4	.0	.0	.0	.0	.0	.0	.0	3.5	6.8					
ESE	.8	1.1	.7	.3	.1	.1	.0	.0	.0	.0	.0	3.1	6.6					
SE	1.5	3.7	3.2	1.3	.5	.2	.0	.0	.0	.0	.0	10.2	7.7					
SSE	1.5	5.7	7.3	2.8	.1	.1	.0	.0	.0	.0	.0	17.4	7.8					
S	1.3	6.9	4.6	1.8	.2	.0	.0	.0	.0	.0	.0	14.8	7.0					
SSW	.5	1.9	2.2	.6	.0	.0	.0	.0	.0	.0	.0	5.2	7.2					
SW	.5	1.8	1.0	.8	.2	.0	.0	.0	.0	.0	.0	4.2	7.8					
WSW	.1	1.2	.8	.4	.0	.0	.0	.0	.0	.0	.0	2.5	7.4					
W	.5	1.3	1.2	.2	.0	.0	.0	.0	.0	.0	.0	3.3	6.7					
WNW	.4	1.1	1.1	.5	.2	.1	.0	.0	.0	.0	.0	3.2	8.1					
NW	1.2	.8	.5	.7	.2	.0	.0	.0	.0	.0	.0	3.2	6.9					
NNW	.8	1.8	.5	.8	.2	.1	.0	.0	.0	.0	.0	4.1	7.5					
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.3	.0					
ALL	12.9	33.8	28.0	12.6	1.8	.5	.0	.0	.0	.0	.0	100.0	6.5					

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : MAY
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT.	SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56							
DIR.																		
N	.7	1.2	.7	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.6
NNE	.5	.5	.6	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	8.9
NE	.6	1.4	.8	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	6.6
ENE	.7	.8	1.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	6.7
E	.5	1.5	1.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.7
ESE	.7	1.3	.8	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	6.8
SE	.8	1.9	3.0	1.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	8.6
SSE	1.5	3.5	4.0	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.9	6.9
S	2.6	5.2	5.7	1.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.5	6.8
SSW	1.3	2.3	4.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3	7.7
SW	.9	2.9	3.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1	7.2
WSW	.8	1.1	1.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	6.8
W	.8	1.3	1.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	6.0
WNW	.7	2.4	.5	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.2
NW	.8	1.1	1.0	.5	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	8.8
NNW	.4	1.5	1.5	.8	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	9.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.8	.0
ALL	14.4	29.7	31.2	11.4	2.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	6.5

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : MAY
 HOUR : ALL

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.		SPEED (KNOTS)																TOTAL		MEAN	
		1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	SPEED							
N	.8	2.1	1.8	.7	.2	.0*	.0	.0	.0	.0	.0	5.6	7.2								
NNE	.7	1.9	1.8	.7	.1	.0*	.0	.0	.0	.0	.0	5.3	7.5								
NE	.6	2.1	1.7	.7	.2	.0	.0	.0	.0	.0	.0	5.2	7.4								
ENE	.4	1.1	.9	.4	.0*	.0	.0	.0	.0	.0	.0	2.8	6.8								
E	.6	1.6	1.2	.3	.0*	.0	.0	.0	.0	.0	.0	3.7	6.5								
ESE	.6	1.4	1.3	.5	.0*	.0*	.0	.0	.0	.0	.0	3.9	7.1								
SE	.8	2.4	3.6	2.0	.4	.1	.0*	.0	.0	.0	.0	9.3	8.8								
SSE	.8	2.4	3.4	1.9	.2	.1	.0	.0	.0	.0	.0	8.7	8.5								
S	1.2	2.8	2.8	1.2	.1	.0	.0	.0	.0	.0	.0	8.1	7.2								
SSW	.5	1.4	2.9	1.9	.1	.0*	.0	.0	.0	.0	.0	6.8	8.9								
SW	.5	1.4	2.7	2.0	.3	.0*	.0	.0	.0	.0	.0	7.0	9.2								
WSW	.4	1.1	1.6	1.0	.1	.0	.0	.0	.0	.0	.0	4.1	8.6								
W	1.0	1.6	1.6	.6	.0*	.0*	.0	.0	.0	.0	.0	4.8	6.9								
WNW	.7	1.9	1.4	.8	.2	.1	.0	.0	.0	.0	.0	5.0	7.6								
NW	1.2	1.9	1.6	1.4	.6	.2	.0*	.0	.0	.0	.0	6.8	9.0								
NNW	.7	1.7	1.5	1.0	.3	.1	.0	.0	.0	.0	.0	5.2	8.4								
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
ALL	11.4	28.7	31.9	16.9	2.9	.7	.0*	.0*	.0	.0	.0	100.0	7.4								

TOTAL NO. OF OBS : 10414

NOTES :
 * = PERCENT < .05

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W FLEV. : 40 FT
MONTH : MAY
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	19.8	51.6	53.6	54.6	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=20000	20.1	54.9	57.4	58.4	59.0	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4
>=18000	20.2	55.0	57.5	58.6	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5
>=16000	20.3	55.1	57.6	58.6	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6
>=14000	20.9	56.1	58.6	59.6	60.2	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6
>=12000	21.3	57.3	59.8	60.8	61.5	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9
>=10000	22.8	60.9	63.6	64.7	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0
>=9000	23.3	61.6	64.2	65.3	66.2	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6
>=8000	24.2	65.6	68.3	69.6	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9
>=7000	24.3	66.5	69.3	70.6	71.5	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
>=6000	24.6	68.1	70.9	72.2	73.1	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.7	73.7
>=5000	24.8	69.3	72.2	73.7	74.6	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.2	75.2
>=4500	24.9	70.2	73.3	74.8	75.8	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3
>=4000	25.2	72.0	75.3	77.0	78.3	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.9	78.9
>=3500	25.3	72.6	76.1	77.9	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.8	79.8
>=3000	25.6	75.6	79.9	82.2	83.8	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.4	84.4
>=2000	25.8	76.6	80.9	83.4	85.1	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.7	85.7
>=1800	25.9	77.0	81.4	83.9	85.5	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.2	86.2
>=1500	26.1	78.5	83.1	85.7	87.7	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4
>=1200	26.3	79.1	83.7	86.3	88.3	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.1	89.1
>=1000	26.3	79.6	84.3	87.2	89.5	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.3	90.3
>=900	26.6	80.0	84.7	87.7	90.2	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	91.0	91.0
>=800	26.6	80.3	85.5	88.6	91.2	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	92.0	92.0
>=700	26.6	80.6	85.9	89.3	92.0	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.8	92.8
>=600	26.6	81.0	86.5	90.0	92.9	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.9	93.9
>=500	26.6	81.4	87.1	91.0	94.3	94.8	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.6	95.7	95.7
>=400	26.6	81.8	87.7	91.7	95.3	95.8	96.5	96.7	96.7	96.7	96.8	96.9	96.9	96.9	97.0	97.1	97.2
>=300	26.6	82.1	87.9	92.0	95.8	96.4	97.2	97.6	97.6	97.6	97.7	97.9	97.9	98.0	98.1	98.2	98.3
>=200	26.6	82.1	87.9	92.0	95.8	96.5	97.4	97.8	97.8	97.8	98.0	98.3	98.3	98.5	98.6	98.7	98.7
>=100	26.6	82.1	87.9	92.0	95.9	96.5	97.5	97.9	97.9	97.9	98.1	98.4	98.4	98.7	98.8	99.2	99.4
>=0	26.6	82.1	87.9	92.1	96.0	96.7	97.6	98.0	98.0	98.0	98.3	98.6	98.6	99.0	99.1	99.5	100.0

TOTAL NO. OF OBS : 1272

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : MAY
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	18.0	47.4	49.7	50.9	51.6	51.7	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0
>=20000	18.5	51.2	54.1	55.3	56.1	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.5	56.5
>=18000	18.7	51.4	54.2	55.5	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7
>=16000	18.7	51.4	54.2	55.5	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7
>=14000	19.1	51.9	54.8	56.0	56.8	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2
>=12000	19.6	53.1	56.0	57.4	58.1	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5
>=10000	21.3	56.9	60.2	61.7	62.6	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3
>= 9000	21.9	58.1	61.4	63.0	63.8	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.6	64.6
>= 8000	22.8	62.4	66.1	67.8	68.9	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6
>= 7000	23.3	64.1	67.9	69.6	70.8	70.9	71.5	71.6	71.6	71.6	71.6	71.6	71.7	71.7
>= 6000	23.7	65.7	69.4	71.1	72.4	72.5	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
>= 5000	23.8	67.1	70.8	72.6	73.9	73.9	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7
>= 4500	24.0	67.5	71.4	73.2	74.5	74.6	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
>= 4000	24.2	69.0	73.1	74.9	76.1	76.2	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.0
>= 3500	24.5	69.5	73.6	75.4	76.7	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5
>= 3000	24.7	71.2	76.0	78.1	79.5	79.6	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4
>= 2500	24.7	71.9	76.7	79.1	80.6	80.7	81.4	81.5	81.5	81.5	81.5	81.5	81.6	81.6
>= 2000	24.8	73.1	78.3	80.8	82.4	82.5	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>= 1800	24.8	73.2	78.4	81.0	82.6	82.7	83.4	83.5	83.5	83.5	83.5	83.5	83.6	83.6
>= 1500	25.1	74.2	79.5	82.2	84.1	84.2	84.9	85.0	85.0	85.0	85.0	85.0	85.1	85.1
>= 1200	25.1	75.3	80.5	83.7	85.6	85.7	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
>= 1000	25.1	75.6	81.1	84.5	86.7	86.9	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9
>= 900	25.1	75.9	81.6	85.0	87.2	87.5	88.2	88.3	88.4	88.4	88.4	88.4	88.5	88.5
>= 800	25.1	76.4	82.1	85.7	88.0	88.4	89.3	89.4	89.5	89.5	89.5	89.5	89.6	89.6
>= 700	25.1	76.7	82.4	86.2	88.6	89.0	90.0	90.1	90.2	90.2	90.2	90.2	90.3	90.3
>= 600	25.1	77.4	83.2	87.5	90.2	90.7	92.1	92.2	92.3	92.3	92.3	92.3	92.4	92.4
>= 500	25.1	77.7	83.9	88.5	91.4	92.1	93.7	93.8	93.9	93.9	93.9	93.9	94.0	94.0
>= 400	25.2	78.1	84.5	89.3	92.7	93.6	95.4	95.7	95.8	96.0	96.0	96.0	96.0	96.0
>= 300	25.2	78.1	84.7	89.4	93.3	94.4	96.4	96.9	97.0	97.1	97.1	97.1	97.2	97.2
>= 200	25.2	78.1	84.7	89.4	93.4	94.6	96.9	97.4	97.5	97.7	97.9	98.1	98.3	98.3
>= 100	25.2	78.1	84.7	89.5	93.5	94.7	97.0	97.5	97.7	98.0	98.1	98.6	99.2	99.3
>= 0	25.2	78.1	84.7	89.5	93.5	94.7	97.0	97.5	97.7	98.0	98.1	98.6	99.4	100.0

TOTAL NO. OF OBS : 1285

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : MAY
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)																			
CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0			
UNLIMIT	20.6	42.8	45.8	47.5	48.3	48.4	48.5	48.7	48.7	48.7	48.7	48.7	48.8	48.9	48.9	49.0			
>=20000	21.4	45.8	49.4	51.3	52.1	52.3	52.5	52.7	52.7	52.8	52.8	52.8	52.9	53.0	53.0	53.1			
>=18000	21.4	45.8	49.4	51.3	52.1	52.3	52.5	52.7	52.7	52.8	52.8	52.8	52.9	53.0	53.0	53.1			
>=16000	21.6	46.0	49.5	51.4	52.3	52.4	52.7	52.9	52.9	53.0	53.0	53.0	53.1	53.1	53.1	53.2			
>=14000	22.6	47.3	50.9	52.7	53.6	53.8	54.0	54.2	54.2	54.3	54.3	54.3	54.4	54.5	54.5	54.6			
>=12000	23.2	48.5	52.1	54.2	55.0	55.2	55.4	55.7	55.7	55.7	55.7	55.7	55.8	55.9	56.0	56.0			
>=10000	24.5	51.8	55.9	58.3	59.3	59.5	59.7	60.0	60.0	60.0	60.0	60.0	60.1	60.2	60.3	60.4			
>= 9000	24.9	52.5	56.6	59.1	60.0	60.3	60.5	60.8	60.8	60.8	60.8	60.8	60.9	61.0	61.1	61.1			
>= 8000	26.8	57.2	61.5	64.4	65.6	65.9	66.2	66.4	66.4	66.5	66.5	66.5	66.6	66.6	66.7	66.7			
>= 7000	26.9	58.5	62.7	65.7	66.9	67.1	67.4	67.7	67.7	67.7	67.7	67.7	67.8	67.9	68.0	68.1			
>= 6000	27.3	60.0	64.2	67.2	68.4	68.7	69.0	69.2	69.2	69.3	69.3	69.3	69.4	69.5	69.5	69.6			
>= 5000	28.1	61.5	65.8	69.0	70.3	70.6	71.0	71.2	71.2	71.3	71.3	71.3	71.4	71.5	71.6	71.7			
>= 4500	28.4	61.9	66.2	69.5	70.8	71.3	71.7	71.9	71.9	72.0	72.0	72.0	72.1	72.2	72.3	72.4			
>= 4000	28.7	63.3	67.7	71.4	72.7	73.2	73.6	73.9	73.9	73.9	73.9	73.9	74.1	74.2	74.3	74.3			
>= 3500	28.8	63.7	68.2	72.0	73.3	73.9	74.3	74.6	74.6	74.7	74.7	74.7	74.9	75.0	75.0	75.1			
>= 3000	29.0	64.8	69.5	73.7	75.2	76.0	76.5	76.7	76.7	76.8	76.8	76.8	77.0	77.1	77.2	77.2			
>= 2500	29.2	65.8	70.9	75.1	76.6	77.4	77.9	78.1	78.1	78.3	78.3	78.3	78.4	78.5	78.6	78.6			
>= 2000	29.7	66.7	71.8	76.3	77.9	78.6	79.1	79.4	79.4	79.6	79.6	79.6	79.7	79.8	79.9	80.0			
>= 1800	29.9	67.0	72.1	76.6	78.2	79.0	79.4	79.8	79.8	80.0	80.0	80.0	80.1	80.2	80.3	80.4			
>= 1500	30.0	67.5	72.8	77.7	79.4	80.4	81.0	81.6	81.6	81.7	81.7	81.7	81.9	81.9	82.0	82.1			
>= 1200	30.0	67.9	73.2	78.4	80.2	81.2	81.9	82.5	82.5	82.7	82.7	82.7	82.8	82.9	83.0	83.0			
>= 1000	30.3	69.3	74.9	80.5	82.7	83.8	84.7	85.2	85.2	85.4	85.4	85.4	85.6	85.6	85.7	85.8			
>= 900	30.3	69.5	75.3	81.0	83.1	84.3	85.2	85.8	85.8	85.9	85.9	85.9	86.1	86.2	86.3	86.3			
>= 800	30.3	70.2	76.2	82.2	84.6	85.9	86.8	87.4	87.4	87.5	87.5	87.5	87.7	87.8	87.9	87.9			
>= 700	30.3	70.8	76.9	83.3	86.1	87.4	88.5	89.1	89.1	89.2	89.2	89.2	89.4	89.5	89.6	89.6			
>= 600	30.4	71.2	77.5	83.9	87.0	88.4	89.6	90.4	90.4	90.6	90.7	90.7	90.8	90.9	91.0	91.1			
>= 500	30.5	72.0	78.6	85.2	88.9	90.6	92.0	93.0	93.0	93.5	93.6	93.6	93.8	93.9	94.0	94.1			
>= 400	30.5	72.4	79.4	86.5	90.7	92.5	94.3	95.5	95.5	96.0	96.3	96.3	96.5	96.5	96.7	96.8			
>= 300	30.5	72.4	79.4	86.7	91.1	92.9	94.9	96.4	96.4	96.9	97.5	97.6	97.8	97.9	98.1	98.2			
>= 200	30.5	72.4	79.4	86.7	91.1	93.0	95.1	96.8	96.8	97.4	98.0	98.1	98.4	98.4	98.8	99.0			
>= 100	30.5	72.4	79.4	86.7	91.1	93.0	95.1	96.8	96.8	97.4	98.0	98.2	98.5	98.6	99.1	99.8			
>= 0	30.5	72.4	79.4	86.7	91.1	93.0	95.1	96.8	96.8	97.4	98.0	98.2	98.5	98.6	99.1	100.0			

TOTAL NO. OF OBS : 1274

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAY
HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.4	47.6	50.3	50.9	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4
>=20000	25.7	52.3	55.3	56.1	56.3	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
>=18000	25.8	52.5	55.5	56.2	56.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8
>=16000	26.0	52.7	55.7	56.6	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2
>=14000	26.4	53.7	56.7	57.7	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2
>=12000	26.9	54.8	57.8	58.8	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4
>=10000	28.0	57.8	61.1	62.3	62.5	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
>= 9000	28.3	58.2	61.6	62.8	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4
>= 8000	29.1	61.1	64.5	65.9	66.4	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8
>= 7000	29.7	62.5	66.1	67.6	68.2	68.3	68.5	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7
>= 6000	30.1	63.2	66.8	68.4	69.0	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
>= 5000	31.3	64.7	68.3	70.1	70.7	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
>= 4500	31.6	65.4	69.4	71.3	72.0	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7
>= 4000	32.4	67.6	71.8	73.8	74.6	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3
>= 3500	32.8	68.1	72.3	74.4	75.3	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
>= 3000	33.5	70.1	74.6	76.9	77.9	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
>= 2500	33.8	71.0	75.6	78.2	79.4	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1
>= 2000	34.2	73.0	77.9	80.8	82.2	82.6	82.8	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0
>= 1800	34.3	73.4	78.4	81.2	82.6	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4
>= 1500	34.9	74.9	80.2	83.3	84.8	85.4	85.5	85.7	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9
>= 1200	35.0	75.9	81.5	84.9	86.5	87.0	87.2	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5
>= 1000	35.5	77.3	83.3	87.0	89.2	89.7	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
>= 900	35.6	77.6	83.6	87.5	89.8	90.3	90.8	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2
>= 800	35.7	78.3	84.5	88.6	91.0	91.8	92.3	92.5	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7
>= 700	35.7	78.9	85.4	89.6	92.3	93.2	94.0	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5
>= 600	35.7	79.3	86.1	90.7	93.6	94.7	95.6	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3
>= 500	35.7	79.4	86.5	91.3	94.3	95.5	97.0	97.5	97.5	97.8	97.9	97.9	98.0	98.0	98.0	98.0
>= 400	35.7	79.5	86.6	91.6	94.7	96.0	97.8	98.3	98.3	98.7	98.7	98.7	98.9	98.9	98.9	98.9
>= 300	35.7	79.5	86.6	91.7	94.9	96.2	98.0	98.7	98.7	99.1	99.2	99.2	99.5	99.5	99.5	99.5
>= 200	35.7	79.5	86.6	91.7	94.9	96.2	98.1	98.7	98.7	99.3	99.5	99.5	99.8	99.8	99.9	99.9
>= 100	35.7	79.5	86.6	91.7	94.9	96.2	98.1	98.7	98.7	99.3	99.5	99.5	99.8	99.8	99.9	100.0
>= 0	35.7	79.5	86.6	91.7	94.9	96.2	98.1	98.7	98.7	99.3	99.5	99.5	99.8	99.8	99.9	100.0

TOTAL NO. OF OBS : 1273

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAY
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.2	47.1	48.6	49.2	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
>=20000	26.3	52.0	54.1	55.1	55.3	55.3	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5
>=18000	26.4	52.1	54.3	55.2	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7
>=16000	26.8	52.5	54.8	55.7	56.0	56.0	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
>=14000	27.2	53.3	55.6	56.6	56.9	56.9	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
>=12000	27.9	55.1	57.5	58.7	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
>=10000	28.9	57.9	60.8	62.0	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
>=9000	29.1	58.5	61.4	62.6	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
>=8000	29.7	60.9	64.2	65.5	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
>=7000	30.1	62.1	65.4	66.7	67.4	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
>=6000	30.3	62.5	65.9	67.2	67.9	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
>=5000	31.2	64.2	67.9	69.4	70.2	70.2	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
>=4500	31.7	65.2	69.0	70.6	71.4	71.4	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
>=4000	33.4	68.5	72.5	74.4	75.2	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
>=3500	34.0	69.7	73.8	75.7	76.6	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
>=3000	34.8	73.2	77.7	79.9	81.0	81.1	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
>=2500	35.8	75.0	79.9	82.4	83.6	83.7	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
>=2000	36.3	77.1	82.2	85.0	86.7	86.8	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
>=1800	36.4	77.3	82.5	85.2	86.9	87.1	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
>=1500	36.9	78.8	84.4	87.2	89.4	89.6	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
>=1200	37.0	79.8	85.6	88.6	90.9	91.2	91.8	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
>=1000	37.2	81.0	87.0	90.1	92.6	93.0	94.0	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
>=900	37.2	81.1	87.2	90.4	92.9	93.4	94.4	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
>=800	37.4	81.8	88.2	91.7	94.3	94.9	96.1	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
>=700	37.4	81.9	88.3	91.9	94.7	95.3	96.7	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
>=600	37.5	82.3	88.9	92.5	95.4	96.1	97.5	97.7	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1
>=500	37.5	82.5	89.1	92.9	95.9	96.7	98.1	98.3	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.8
>=400	37.5	82.5	89.2	93.0	96.2	97.0	98.5	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>=300	37.5	82.5	89.2	93.0	96.2	97.1	98.7	99.2	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8
>=200	37.5	82.5	89.2	93.0	96.2	97.1	98.7	99.2	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0
>=100	37.5	82.5	89.2	93.0	96.2	97.1	98.7	99.2	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0
>=0	37.5	82.5	89.2	93.0	96.2	97.1	98.7	99.2	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : MAY
 CLASS : ALL WEATHER HOUR : 1600 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1/2	>=5/8	>=3/4	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.7	48.5	50.1	50.8	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
>=20000	27.4	54.2	56.1	57.0	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
>=18000	27.5	54.3	56.3	57.2	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
>=16000	27.6	54.5	56.4	57.4	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
>=14000	28.1	55.8	58.0	59.0	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
>=12000	29.1	57.2	59.4	60.5	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
>=10000	29.6	60.6	63.2	64.4	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
>= 9000	30.0	61.1	63.6	64.9	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
>= 8000	31.2	65.0	67.9	69.8	70.4	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
>= 7000	31.8	66.6	69.6	71.5	72.2	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
>= 6000	32.5	67.9	71.0	72.9	73.5	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
>= 5000	33.7	70.0	73.4	75.5	76.1	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
>= 4500	33.9	70.8	74.2	76.3	76.9	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
>= 4000	35.1	73.6	77.1	79.4	80.1	80.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
>= 3500	35.4	74.5	78.2	80.6	81.2	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
>= 3000	35.9	77.9	82.3	84.9	85.8	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
>= 2500	36.4	78.7	83.2	86.1	87.1	87.5	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
>= 2000	37.0	80.3	85.1	88.2	89.2	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
>= 1800	37.0	80.3	85.2	88.3	89.4	89.8	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
>= 1500	37.1	81.5	86.5	90.2	91.4	91.9	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
>= 1200	37.1	81.8	86.8	90.8	91.9	92.5	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
>= 1000	37.2	82.3	87.4	91.5	92.6	93.2	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
>= 900	37.2	82.6	87.7	92.0	93.2	93.8	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
>= 800	37.2	83.1	88.3	92.7	94.2	94.9	95.9	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
>= 700	37.3	83.3	88.7	93.4	94.9	95.7	96.8	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
>= 600	37.5	83.6	89.0	93.7	95.3	96.1	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>= 500	37.5	83.6	89.2	94.1	95.8	96.8	98.3	98.7	98.7	98.9	98.9	98.9	99.0	99.1	99.1	99.1
>= 400	37.5	83.6	89.2	94.1	96.0	97.1	98.6	99.1	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5
>= 300	37.5	83.6	89.2	94.1	96.0	97.1	98.7	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8
>= 200	37.5	83.6	89.2	94.1	96.0	97.1	98.7	99.3	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0
>= 100	37.5	83.6	89.2	94.1	96.0	97.1	98.7	99.3	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0
>= 0	37.5	83.6	89.2	94.1	96.0	97.1	98.7	99.3	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0

TOTAL NO. OF OBS : 1265

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : MAY
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.5	45.4	46.9	47.8	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
>=20000	23.5	51.8	53.7	55.1	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=18000	23.6	52.1	54.0	55.4	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
>=16000	23.7	52.3	54.3	55.6	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
>=14000	23.9	53.1	55.0	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
>=12000	24.8	55.3	57.3	58.6	58.9	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
>=10000	25.9	59.7	62.1	63.6	64.0	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
>= 9000	26.3	60.2	62.7	64.2	64.5	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
>= 8000	28.0	65.9	68.8	70.9	71.5	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
>= 7000	28.6	67.4	70.5	72.7	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
>= 6000	29.0	68.2	71.4	73.7	74.4	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
>= 5000	29.8	70.2	73.4	75.9	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
>= 4500	30.1	71.6	75.0	77.6	78.6	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
>= 4000	30.5	74.0	77.8	80.5	81.5	81.8	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
>= 3500	30.8	74.9	78.8	81.5	82.7	82.9	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5
>= 3000	31.3	77.8	82.0	85.0	86.6	86.9	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
>= 2500	31.5	78.5	82.8	86.2	87.7	88.0	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
>= 2000	31.6	79.4	83.9	87.4	88.9	89.3	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
>= 1800	31.6	79.4	83.9	87.5	89.0	89.3	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
>= 1500	31.7	80.2	84.9	88.8	90.4	90.8	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
>= 1200	31.8	80.7	85.4	89.3	90.9	91.4	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
>= 1000	31.9	81.1	85.8	90.1	92.0	92.6	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
>= 900	31.9	81.1	85.9	90.5	92.4	93.0	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
>= 800	31.9	81.2	86.1	91.0	93.2	94.0	95.1	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
>= 700	31.9	81.3	86.4	91.4	93.6	94.5	95.6	95.8	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
>= 600	31.9	81.4	86.6	91.6	94.1	95.0	96.2	96.3	96.3	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
>= 500	31.9	81.5	86.9	92.0	94.8	95.9	97.2	97.5	97.5	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
>= 400	31.9	81.8	87.3	92.6	95.5	96.6	98.0	98.5	98.5	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
>= 300	31.9	81.8	87.3	92.7	95.5	96.7	98.1	98.7	98.7	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>= 200	31.9	81.8	87.3	92.7	95.5	96.7	98.1	98.7	98.7	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>= 100	31.9	81.8	87.3	92.7	95.5	96.7	98.1	98.7	98.7	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>= 0	31.9	81.8	87.3	92.7	95.5	96.7	98.1	98.7	98.7	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NO. OF OBS : 1257

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAY
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)																		
VISIBILITY (STATUTE MILES)																		
CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0		
UNLIMIT	21.6	53.2	55.1	56.1	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4		
>=20000	22.2	56.3	58.9	59.9	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3		
>=18000	22.3	56.6	58.9	60.2	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6		
>=16000	22.5	56.9	59.2	60.4	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8		
>=14000	22.7	57.2	59.5	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1		
>=12000	23.9	59.6	61.8	63.2	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6		
>=10000	24.8	62.9	65.2	66.7	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3		
>= 9000	25.3	63.4	65.8	67.3	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0		
>= 8000	26.0	67.7	70.3	72.3	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2		
>= 7000	26.4	69.0	71.9	74.0	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9		
>= 6000	27.1	70.4	73.4	75.5	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4		
>= 5000	27.5	71.9	75.2	77.3	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3		
>= 4500	27.6	72.6	76.0	78.1	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2		
>= 4000	27.9	74.7	78.4	80.6	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7		
>= 3500	27.9	75.4	79.2	81.4	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5		
>= 3000	28.2	77.1	81.4	84.2	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6		
>= 2500	28.2	77.3	81.8	85.0	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5		
>= 2000	28.3	78.4	83.1	86.3	87.6	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0		
>= 1800	28.3	78.8	83.5	86.7	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4		
>= 1500	28.4	80.0	84.9	88.3	89.8	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2		
>= 1200	28.6	80.6	85.9	89.5	91.0	91.3	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5		
>= 900	28.6	81.1	86.5	90.1	92.0	92.4	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6		
>= 800	28.6	81.8	87.4	91.2	93.2	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9		
>= 700	28.7	82.1	87.8	91.7	93.7	94.1	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6		
>= 600	28.8	82.5	88.1	92.2	94.6	95.0	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6		
>= 500	28.8	83.2	89.1	93.3	96.0	96.6	97.2	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5		
>= 400	28.8	83.4	89.4	93.8	96.5	97.1	97.7	97.9	97.9	98.0	98.0	98.0	98.2	98.2	98.2	98.2		
>= 300	28.8	83.5	89.5	94.1	96.9	97.5	98.1	98.4	98.5	98.9	98.9	98.9	99.1	99.1	99.1	99.1		
>= 200	28.8	83.5	89.5	94.2	97.0	97.6	98.3	98.7	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.4		
>= 100	28.8	83.6	89.5	94.3	97.1	97.7	98.3	98.7	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.6		
>= 0	28.8	83.6	89.5	94.3	97.1	97.7	98.3	98.7	98.7	99.3	99.4	99.4	99.6	99.6	99.6	100.0		

TOTAL NO. OF OBS : 1271

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : MAY
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.2	47.9	50.0	51.0	51.4	51.4	51.4	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
>=20000	23.1	52.3	54.8	56.0	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8
>=18000	23.2	52.5	55.0	56.2	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0
>=16000	23.4	52.7	55.2	56.4	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2
>=14000	23.9	53.5	56.1	57.3	57.8	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
>=12000	24.6	55.1	57.7	59.0	59.5	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9
>=10000	25.7	58.6	61.5	63.0	63.6	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0
>=9000	26.1	59.2	62.2	63.7	64.3	64.3	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7
>=8000	27.2	63.2	66.4	68.3	69.0	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5
>=7000	27.6	64.6	67.9	69.8	70.6	70.8	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
>=6000	28.1	65.7	69.1	71.0	71.9	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4
>=5000	28.8	67.3	70.9	72.9	73.8	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4
>=4500	29.0	68.2	71.8	73.9	74.9	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5
>=4000	29.7	70.3	74.2	76.5	77.5	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2
>=3500	29.9	71.0	75.0	77.4	78.4	78.7	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2
>=3000	30.4	73.4	77.8	80.5	81.8	82.1	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6
>=2500	30.6	74.2	78.9	81.8	83.1	83.4	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0
>=2000	31.0	75.5	80.4	83.5	85.0	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9
>=1800	31.0	75.8	80.7	83.8	85.3	85.6	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3
>=1500	31.2	76.9	82.0	85.4	87.1	87.5	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3
>=1200	31.3	77.6	82.8	86.4	88.1	88.6	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4
>=1000	31.5	78.4	83.7	87.6	89.6	90.2	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
>=900	31.6	78.7	84.2	88.1	90.2	90.8	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
>=800	31.6	79.2	84.8	89.0	91.3	91.9	92.7	92.9	92.9	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
>=700	31.6	79.5	85.3	89.7	92.1	92.8	93.7	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2
>=600	31.7	79.9	85.8	90.3	93.0	93.8	94.8	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
>=500	31.7	80.2	86.3	91.0	93.9	94.9	96.1	96.4	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
>=400	31.7	80.4	86.6	91.6	94.7	95.7	97.1	97.6	97.6	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1
>=300	31.7	80.4	86.7	91.7	94.9	96.0	97.5	98.1	98.2	98.5	98.7	98.7	98.7	98.7	98.8	98.9	98.9	98.9	98.9
>=200	31.7	80.4	86.7	91.7	95.0	96.1	97.6	98.3	98.4	98.7	99.0	99.0	99.0	99.2	99.3	99.4	99.4	99.4	99.4
>=100	31.7	80.4	86.7	91.7	95.0	96.1	97.7	98.4	98.4	98.8	99.1	99.1	99.1	99.4	99.4	99.6	99.6	99.6	99.6
>= 0	31.7	80.4	86.7	91.7	95.0	96.1	97.7	98.4	98.4	98.8	99.1	99.1	99.1	99.4	99.4	99.7	99.7	99.7	100.0

TOTAL NO. OF OBS : 10157

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : JUN
 CLASS : ALL WEATHER HOUR : 0100 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	3	4	5	6	7	8	WIND
N	.4	.7	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.8
NNE	.5	.4	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	7.1
NE	.3	1.1	.5	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	8.4
ENE	.4	.8	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	6.7
E	.5	1.4	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	6.2
ESE	.7	1.3	.6	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	7.1
SE	.6	1.4	.6	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.6
SSE	1.6	1.3	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	5.1
S	3.3	4.4	4.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.5	5.8
SSW	1.0	3.1	4.4	2.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.0	8.0
SW	.7	3.5	7.3	2.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.4	8.4
WSW	.7	2.3	2.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	6.9
W	1.7	2.8	1.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	5.2
WNW	2.1	2.9	1.3	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	4.9
W	1.5	2.3	.6	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	6.5
WNW	1.0	1.5	1.3	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	7.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0	.0
ALL	17.0	31.0	28.0	10.5	1.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	6.0

TOTAL NO. OF OBS : 1259

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1955-1986 MONTH : JUN
 CLASS : ALL WEATHER HOUR : 0400 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT.		SPEED (KNOTS)																TOTAL	MEAN
DIR.	1 - 31	4 - 61	7-101	11-161	17-211	22-271	28-331	34-401	41-471	48-551	>=561	%	WIND						
N	.6	.9	1.3	.2	.0	.0	.0	.0	.0	.0	.0	2.9	6.7						
NNE	.1	1.1	1.1	.3	.2	.0	.0	.0	.0	.0	.0	2.9	8.2						
NE	.4	1.0	1.4	.9	.2	.0	.0	.0	.0	.0	.0	3.9	8.2						
ENE	.4	1.3	.7	.5	.2	.0	.0	.0	.0	.0	.0	3.0	7.2						
E	.5	1.2	.6	.3	.0	.0	.0	.0	.0	.0	.0	2.6	6.3						
ESE	.3	.7	.2	.1	.0	.1	.1	.0	.0	.0	.0	1.5	7.5						
SE	.6	.7	.6	.2	.2	.0	.0	.0	.0	.0	.0	2.4	7.5						
SSE	1.1	1.0	.6	.2	.0	.0	.0	.0	.0	.0	.0	2.8	4.7						
S	1.4	3.3	1.8	.2	.1	.0	.0	.0	.0	.0	.0	6.8	5.7						
SSW	.9	3.1	4.9	1.4	.0	.0	.0	.0	.0	.0	.0	10.2	7.4						
SW	1.0	2.7	5.1	2.9	.2	.0	.0	.0	.0	.0	.0	11.9	8.4						
WSW	1.0	3.0	2.3	1.0	.0	.0	.0	.0	.0	.0	.0	7.3	6.9						
W	2.3	4.5	1.0	.3	.0	.0	.0	.0	.0	.0	.0	8.2	4.7						
WNW	2.5	3.1	1.2	.4	.1	.0	.0	.0	.0	.0	.0	7.2	5.2						
NW	1.1	2.4	2.1	.6	.2	.0	.0	.0	.0	.0	.0	6.4	6.9						
NNW	.9	1.8	1.4	1.0	.1	.0	.0	.0	.0	.0	.0	5.1	7.0						
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.9	.0						
ALL	14.9	31.8	26.4	10.6	1.4	.1	.1	.0	.0	.0	.0	100.0	5.8						

TOTAL NO. OF OBS : 1259

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : JUN
 CLASS : ALL WEATHER HOUR : 0700 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

		SPEED (KNOTS)												TOTAL	MEAN
16 PT.	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%			
DIR.														SPEED	
N	1.0	1.7	1.6	.6	.0	.0	.0	.0	.0	.0	.0	4.8	6.5		
NNE	.2	1.2	1.3	.8	.2	.1	.0	.0	.0	.0	.0	3.8	8.7		
NE	.9	1.1	2.4	.4	.0	.0	.0	.0	.0	.0	.0	4.8	7.0		
ENE	.5	1.2	1.0	.3	.0	.0	.0	.0	.0	.0	.0	2.9	6.8		
E	.4	1.0	.7	.6	.1	.0	.0	.0	.0	.0	.0	2.7	7.6		
ESE	.2	1.2	.7	.2	.1	.2	.0	.0	.0	.0	.0	2.6	8.3		
SE	.4	.6	1.0	.6	.0	.0	.0	.0	.0	.0	.0	2.6	7.6		
SSE	.5	.6	.6	.2	.0	.1	.0	.0	.0	.0	.0	1.8	6.8		
S	1.3	2.5	1.5	.7	.0	.0	.0	.0	.0	.0	.0	6.0	6.2		
SSW	1.0	2.7	2.8	1.5	.0	.0	.0	.0	.0	.0	.0	8.0	7.4		
SW	1.3	3.5	5.6	3.6	.2	.0	.1	.0	.0	.0	.0	14.1	8.4		
WSW	.2	3.3	3.2	1.4	.0	.0	.0	.0	.0	.0	.0	8.0	7.7		
W	1.0	3.5	2.5	.2	.0	.0	.0	.0	.0	.0	.0	7.2	5.9		
WNW	.8	3.3	2.4	.3	.1	.0	.0	.0	.0	.0	.0	6.9	6.3		
NW	1.7	3.7	2.6	1.0	.6	.1	.0	.0	.0	.0	.0	9.6	7.1		
NNW	1.5	1.6	1.9	.9	.2	.0	.0	.0	.0	.0	.0	6.0	6.8		
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	.0		
ALL	12.8	32.6	31.6	13.1	1.4	.4	.1	.0	.0	.0	.0	100.0	6.6		

TOTAL NO. OF OBS : 1259

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : JUN
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	%	%	%	%		
N	1.4	3.1	2.5	1.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2	7.0
NNE	.7	2.9	2.8	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	7.3
NE	.8	2.3	1.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	5.9
ENE	.4	1.1	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	6.5
E	.9	2.5	.6	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	5.8
ESE	.2	2.8	1.7	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	6.8
SE	.8	3.0	4.4	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5	7.8
SSE	.4	1.7	1.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	7.4
S	.3	1.4	1.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	7.5
SSW	.2	1.0	2.8	1.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	8.9
SW	.2	2.1	3.6	2.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1	8.9
WSW	.2	1.8	3.5	1.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	8.6
W	1.2	1.7	2.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	7.1
WNW	.5	1.7	1.4	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	7.4
NW	1.3	2.7	3.3	1.8	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.8	8.4
NNW	.8	2.8	1.8	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	6.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	.0
ALL	10.3	34.6	35.7	13.1	1.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	7.2

TOTAL NO. OF OBS : 1259

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : UN
 CLASS : ALL WEATHER HOUR : 1300 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS)										TOTAL	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%
N	.6	2.3	1.8	.7	.1	.0	.0	.0	.0	.0	.0	5.6
NNE	.5	3.7	2.1	.5	.2	.0	.0	.0	.0	.0	.0	6.9
NE	.7	3.7	3.1	.2	.0	.0	.0	.0	.0	.0	.0	7.7
ENE	.3	1.0	.6	.4	.0	.0	.0	.0	.0	.0	.0	2.3
E	1.0	1.6	.9	.5	.0	.1	.0	.0	.0	.0	.0	4.1
ESE	.9	3.4	2.5	1.1	.1	.0	.0	.0	.0	.0	.0	7.9
SE	.6	4.3	7.9	5.6	1.0	.2	.0	.0	.0	.0	.0	19.5
SSE	.2	1.7	3.3	2.6	.1	.1	.0	.0	.0	.0	.0	8.1
S	.4	1.1	2.5	1.2	.1	.0	.0	.0	.0	.0	.0	5.2
SSW	.2	1.0	1.8	1.0	.1	.0	.0	.0	.0	.0	.0	4.1
SW	.1	.3	2.0	1.9	.2	.0	.0	.0	.0	.0	.0	4.4
WSW	.2	1.0	2.2	1.1	.1	.0	.0	.0	.0	.0	.0	4.6
W	.3	1.3	1.7	.8	.2	.0	.0	.0	.0	.0	.0	4.4
WNW	.2	1.0	1.5	.9	.2	.1	.0	.0	.0	.0	.0	3.8
NW	.6	.9	1.8	1.9	.4	.2	.0	.0	.0	.0	.0	5.9
NNW	.5	1.2	1.4	.5	.0	.2	.0	.0	.0	.0	.0	3.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
ALL	7.4	29.4	37.2	20.8	2.6	.9	.0	.0	.0	.0	.0	100.0
												8.3

TOTAL NO. OF OBS : 1259

NOTES :
 * = PERCENT < .05

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : JUN
 CLASS : ALL WEATHER HOUR : 1600 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																
16 PT.	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL	%	MEAN
DIR.	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%		SPEED
N	.7	2.4	1.6	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4		6.7
NNE	.9	1.7	2.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	5.8		7.2
NE	.8	2.8	1.5	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	5.2		5.9
ENE	.6	.9	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.6		7.6
E	.8	1.3	1.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.4		6.2
ESE	.6	1.9	1.6	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	4.6		7.1
SE	.2	3.3	8.5	4.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	17.0		9.4
SSE	.5	2.9	9.5	6.1	.7	.2	.0	.0	.0	.0	.0	.0	.0	19.8		9.9
S	.6	1.4	2.6	1.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.3		8.6
SSW	.1	.6	1.6	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0		9.0
SW	.2	.5	1.9	1.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.4		5.9
WSW	.1	1.4	2.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4		8.3
W	.2	1.3	2.0	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	4.0		8.0
WNW	.2	.8	1.0	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.8		9.0
NW	.3	.9	2.0	1.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	4.7		9.9
NNW	.2	1.1	1.3	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.5		8.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0
CLW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1		.0
ALL	6.8	25.0	41.2	20.5	2.9	.5	.0	.0	.0	.0	.0	.0	.0	100.0		8.3

TOTAL NO. OF OBS : 1259

NOTES :
 * = PERCENT < .05

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : JUN
 CLASS : ALL WEATHER HOUR : 1900 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	8	1	2	3	4		
N	1.5	1.5	.6	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	6.2
NNE	.9	1.1	.6	.3	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	7.0
NE	.7	.6	.6	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	7.1
ENE	.4	.9	.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	6.8
E	.3	.7	1.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	7.3
ESE	.6	.7	.8	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	7.6
SE	1.2	2.8	2.5	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	7.0
SSE	1.7	6.4	7.1	1.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.8	7.1
S	2.8	9.3	7.1	1.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.8	6.5
SSW	.8	3.5	1.8	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	6.3
SW	.3	2.1	1.9	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	7.3
WSW	.2	1.5	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	7.0
W	.6	1.9	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.3
WNW	.8	1.0	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.9
W	.6	1.3	.7	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.8
WNW	1.0	1.4	.9	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	6.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4	.0
ALL	18.4	36.7	29.0	8.8	1.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	6.1

TOTAL NO. OF OBS : 1259

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : JUN
 CLASS : ALL WEATHER HOUR : 2200 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT.		SPEED (KNOTS)															TOTAL	MEAN	
		1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%		
DIR.																			
N		.7		.6		.5		.4		.1		.0		.0		.0	2.2	6.8	
NNE		.4		.6		.4		.2		.2		.1		.0		.0	1.9	8.6	
NE		.3		1.0		.7		.2		.1		.0		.0		.0	2.3	7.2	
ENE		.2		.8		.9		.2		.0		.0		.0		.0	2.1	7.0	
E		.4		1.2		1.6		.3		.1		.0		.0		.0	3.6	7.0	
ESE		.2		.7		.9		.6		.1		.0		.0		.0	2.5	8.9	
SE		.6		1.1		1.5		1.0		.0		.1		.0		.0	4.4	8.2	
SSE		1.7		3.1		2.8		.4		.1		.0		.0		.0	8.1	6.0	
S		3.7		9.0		7.5		1.2		.0		.0		.0		.0	21.3	6.2	
SSW		1.8		4.2		5.6		1.3		.0		.2		.0		.0	13.2	7.2	
SW		1.7		2.8		3.3		1.4		.1		.0		.0		.0	9.3	7.4	
WSW		.2		1.2		1.5		.2		.1		.0		.0		.0	3.3	7.4	
W		1.3		1.8		.9		.3		.0		.1		.0		.0	4.4	5.8	
WNW		1.3		1.7		.3		.2		.1		.0		.0		.0	3.6	5.1	
NW		.6		1.3		.6		.6		.1		.0		.0		.0	3.3	7.7	
NNW		.8		1.0		.7		.3		.4		.1		.0		.0	3.3	8.0	
VAR		.0		.0		.0		.0		.0		.0		.0		.0	.0	.0	
CLM		.0		.0		.0		.0		.0		.0		.0		.0	11.3	.0	
ALL	16.0	32.0		29.5		9.2		1.3		.5		.1		.0		.0	100.0	6.1	

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : JUN
 HOUR : ALL
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.	1	31	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL	MEAN
														%	SPEED
N	.9	1.6	1.3	.6	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	4.4	6.8
NNE	.5	1.6	1.4	.5	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	4.2	7.5
NE	.6	1.7	1.4	.4	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	4.2	6.8
ENE	.4	1.0	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.5	7.0
E	.6	1.3	.9	.3	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	3.2	6.5
ESE	.5	1.6	1.1	.4	.1	.1	.1	.0*	.0	.0	.0	.0	.0	3.8	7.4
SE	.6	2.2	3.4	1.8	.3	.0*	.0*	.0	.0	.0	.0	.0	.0	8.3	8.6
SSE	1.0	2.3	3.2	1.5	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	8.1	7.9
S	1.7	4.0	3.7	.9	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	10.3	6.6
SSW	.8	2.4	3.2	1.2	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	7.7	7.6
SW	.7	2.2	3.8	2.1	.1	.0	.0*	.0	.0	.0	.0	.0	.0	9.0	8.5
WSW	.3	1.9	2.2	.8	.0*	.0	.0	.0	.0	.0	.0	.0	.0	5.4	7.7
W	1.1	2.3	1.6	.4	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	5.5	6.1
WNW	1.0	1.9	1.2	.4	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	4.7	6.3
NW	1.0	1.9	1.7	1.0	.3	.1	.0*	.0	.0	.0	.0	.0	.0	6.0	8.0
NNW	.8	1.6	1.3	.6	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	4.5	7.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1	.0
ALL	12.4	31.6	32.3	13.3	1.7	.4	.0*	.0	.0	.0	.0	.0	.0	100.0	6.8

TOTAL NO. OF OBS : 10073

NOTES :
 * = PERCENT < .05

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER. MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JUN
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMITED	20.3	51.9	56.8	59.9	61.0	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
>=20000	20.5	55.4	61.0	64.7	65.8	66.2	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>=18000	20.5	55.5	61.0	64.8	65.9	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>=16000	20.5	55.5	61.0	64.8	65.9	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>=14000	20.7	55.9	61.4	65.2	66.3	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
>=12000	21.1	57.1	62.7	66.6	67.7	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
>=10000	22.1	61.0	66.9	71.0	72.2	72.6	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2
>= 9000	22.5	61.7	67.5	71.7	72.9	73.3	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9
>= 8000	22.9	64.9	71.2	75.6	77.0	77.4	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0
>= 7000	23.5	65.8	72.3	76.8	78.2	78.6	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
>= 6000	23.9	66.6	73.1	77.5	78.9	79.3	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9
>= 5000	23.9	67.6	74.3	78.9	80.3	80.7	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
>= 4500	23.9	68.2	75.0	79.6	81.0	81.4	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0
>= 4000	24.1	69.7	76.6	81.4	82.9	83.3	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9
>= 3500	24.4	70.6	77.6	82.5	83.9	84.3	84.7	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0
>= 3000	24.6	72.2	79.6	85.1	86.9	87.3	87.7	87.7	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9
>= 2500	24.7	73.1	80.5	86.1	87.9	88.3	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
>= 2000	24.8	73.9	81.6	87.3	89.1	89.5	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
>= 1800	24.8	74.2	81.9	87.6	89.5	90.0	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8
>= 1500	24.9	75.2	83.2	89.0	91.0	91.5	92.1	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4
>= 1200	25.1	76.3	84.5	90.3	92.3	92.8	93.4	93.5	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7
>= 1000	25.2	77.2	85.6	91.6	93.8	94.3	95.0	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2
>= 900	25.2	77.4	85.8	91.9	94.2	94.7	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
>= 800	25.3	77.8	86.3	92.5	94.8	95.4	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
>= 700	25.3	78.2	86.7	93.0	95.3	95.9	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
>= 600	25.3	78.2	87.0	93.5	95.9	96.6	97.5	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
>= 500	25.3	78.5	87.5	94.0	96.3	97.1	98.1	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
>= 400	25.3	78.7	87.7	94.2	96.9	97.6	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
>= 300	25.3	78.7	87.8	94.5	97.2	98.1	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
>= 200	25.3	78.8	87.9	94.6	97.3	98.2	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
>= 100	25.3	78.8	87.9	94.6	97.3	98.2	99.4	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
>= 0	25.3	78.8	87.9	94.6	97.3	98.2	99.4	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1232

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : JUN
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMITED	16.9	45.3	49.8	54.3	56.1	56.4	56.9	57.0	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2
>=20000	17.3	49.4	54.4	59.1	61.3	61.6	62.1	62.2	62.2	62.5	62.6	62.6	62.6	62.6	62.6	62.6
>=18000	17.4	49.5	54.5	59.2	61.5	61.7	62.2	62.4	62.4	62.6	62.8	62.8	62.8	62.8	62.8	62.8
>=16000	17.4	49.5	54.5	59.2	61.5	61.7	62.2	62.4	62.4	62.6	62.8	62.8	62.8	62.8	62.8	62.8
>=14000	17.5	49.8	54.9	59.6	61.9	62.1	62.6	62.8	62.8	63.0	63.2	63.2	63.2	63.2	63.2	63.2
>=12000	18.1	51.4	56.6	61.3	63.6	63.8	64.3	64.5	64.5	64.8	65.0	65.0	65.0	65.0	65.0	65.0
>=10000	18.9	55.4	61.2	66.2	68.5	68.8	69.3	69.5	69.5	69.8	70.0	70.0	70.0	70.0	70.0	70.0
>=9000	19.2	56.1	61.8	66.9	69.3	69.5	70.1	70.3	70.3	70.6	70.8	70.8	70.8	70.8	70.8	70.8
>=8000	19.8	59.8	66.4	72.1	74.6	74.8	75.4	75.6	75.6	76.0	76.1	76.1	76.1	76.1	76.1	76.1
>=7000	20.2	60.9	67.7	73.5	76.1	76.3	76.9	77.1	77.1	77.4	77.6	77.6	77.6	77.6	77.6	77.6
>=6000	20.4	61.6	68.4	74.2	76.8	77.0	77.6	77.8	77.8	78.2	78.3	78.3	78.3	78.3	78.3	78.3
>=5000	20.6	62.6	69.6	75.2	78.2	78.6	79.1	79.4	79.4	79.7	79.9	79.9	79.9	79.9	79.9	79.9
>=4500	20.8	63.5	70.6	76.5	79.2	79.5	80.1	80.3	80.3	80.7	80.8	80.8	80.8	80.8	80.8	80.8
>=4000	20.8	64.5	71.6	77.6	80.3	80.7	81.2	81.5	81.5	81.8	82.0	82.0	82.0	82.0	82.0	82.0
>=3500	20.8	65.0	72.3	78.5	81.3	81.6	82.2	82.4	82.4	82.8	82.9	82.9	82.9	82.9	82.9	82.9
>=3000	21.0	67.4	75.4	81.6	84.6	85.0	85.6	85.8	85.8	86.2	86.3	86.3	86.3	86.3	86.3	86.3
>=2500	21.0	67.9	76.1	82.4	85.4	85.8	86.5	86.7	86.7	87.1	87.2	87.2	87.2	87.2	87.2	87.2
>=2000	21.2	68.8	77.1	83.7	86.8	87.1	87.9	88.1	88.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6
>=1800	21.3	68.9	77.2	83.8	87.1	87.4	88.1	88.3	88.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8
>=1500	21.7	70.0	78.5	85.4	88.8	89.2	90.0	90.2	90.2	90.5	90.7	90.7	90.7	90.7	90.7	90.7
>=1200	21.8	70.4	79.0	86.0	89.7	90.1	90.9	91.1	91.1	91.4	91.6	91.6	91.6	91.6	91.6	91.6
>=1000	21.8	71.5	80.4	87.6	91.6	92.1	93.0	93.3	93.3	93.6	93.8	93.8	93.8	93.8	93.8	93.8
>=900	21.8	72.2	81.1	88.3	92.2	92.7	93.7	94.0	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.5
>=800	21.8	72.6	81.6	89.0	93.0	93.4	94.6	94.9	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4
>=750	21.8	72.9	82.1	89.6	93.8	94.3	95.4	95.7	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2
>=600	21.8	73.1	82.4	90.2	94.4	95.0	96.4	96.8	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3
>=500	21.9	73.2	82.7	90.6	95.0	95.6	97.0	97.5	97.5	97.9	98.1	98.1	98.1	98.1	98.1	98.1
>=400	21.9	73.3	82.8	90.9	95.3	96.0	97.6	98.1	98.1	98.6	98.9	98.9	98.9	98.9	98.9	98.9
>=300	21.9	73.4	82.9	91.0	95.6	96.4	98.0	98.6	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4
>=200	21.9	73.4	82.9	91.0	95.7	96.4	98.1	98.8	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6
>=100	21.9	73.4	82.9	91.0	95.7	96.4	98.1	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8
>=0	21.9	73.4	82.9	91.0	95.7	96.4	98.1	98.9	98.9	99.6	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NO. OF OBS : 1236

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JUN
HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2 1/2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	18.0	44.6	48.5	51.6	53.1	53.9	54.5	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.1	55.1
>=20000	19.3	48.5	53.0	56.7	58.7	59.4	60.2	60.7	60.7	60.9	60.9	60.9	61.0	61.0	61.1	61.1
>=18000	19.3	48.6	53.0	56.8	58.8	59.5	60.2	60.8	60.8	61.0	61.0	61.0	61.1	61.1	61.1	61.1
>=16000	19.4	48.9	53.3	57.0	59.0	59.8	60.5	61.1	61.1	61.2	61.2	61.2	61.3	61.3	61.4	61.4
>=14000	19.8	49.4	53.9	57.8	59.8	60.5	61.2	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.1	62.1
>=12000	20.3	50.8	55.3	59.3	61.3	62.0	62.8	63.4	63.4	63.5	63.5	63.5	63.6	63.6	63.7	63.7
>=10000	21.3	54.2	59.2	63.6	66.0	66.9	67.7	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.6	68.6
>=9000	21.5	54.6	59.6	64.0	66.4	67.3	68.1	68.7	68.7	68.9	68.9	68.9	68.9	68.9	69.0	69.0
>=8000	22.2	58.4	64.2	69.0	71.7	72.6	73.4	74.0	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.3
>=7000	22.7	59.9	65.7	70.6	73.3	74.2	75.0	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.9	75.9
>=6000	23.0	60.9	66.8	71.6	74.4	75.3	76.1	76.7	76.7	76.9	76.9	76.9	77.0	77.0	77.0	77.0
>=5000	23.5	62.0	68.1	73.1	75.9	76.8	77.6	78.3	78.3	78.4	78.4	78.4	78.5	78.5	78.6	78.6
>=4500	23.5	62.3	68.6	73.6	76.5	77.4	78.2	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.2	79.2
>=4000	23.6	63.5	69.9	75.0	78.1	79.0	79.8	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.8	80.8
>=3500	23.6	63.6	70.0	75.2	78.4	79.3	80.1	80.7	80.7	80.9	80.9	80.9	81.0	81.0	81.1	81.1
>=3000	23.9	64.9	71.5	77.0	80.3	81.3	82.2	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.3	83.3
>=2500	23.9	65.6	72.1	77.7	81.2	82.2	83.2	83.9	83.9	84.1	84.1	84.1	84.2	84.2	84.3	84.3
>=2000	24.2	66.5	73.5	79.4	83.1	84.1	85.1	85.8	85.8	86.0	86.0	86.0	86.1	86.1	86.1	86.1
>=1800	24.2	66.5	73.5	79.4	83.1	84.1	85.1	85.8	85.8	86.0	86.1	86.1	86.1	86.1	86.2	86.2
>=1500	24.3	67.4	74.5	80.7	84.3	85.5	86.5	87.2	87.2	87.4	87.5	87.5	87.5	87.5	87.6	87.6
>=1200	24.5	68.1	75.4	81.6	85.3	86.6	87.7	88.4	88.4	88.6	88.7	88.7	88.8	88.8	88.9	88.9
>=1000	24.8	69.2	76.7	82.9	86.8	88.1	89.3	90.0	90.0	90.2	90.2	90.2	90.3	90.3	90.4	90.4
>=900	24.9	69.7	77.3	83.5	87.5	88.9	90.0	90.7	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.1
>=800	24.9	70.4	78.2	84.6	88.6	90.2	91.6	92.4	92.4	92.5	92.7	92.7	92.8	92.8	92.9	92.9
>=700	24.9	70.7	78.6	85.1	89.3	91.0	92.4	93.3	93.3	93.4	93.6	93.6	93.7	93.7	93.8	93.8
>=600	24.9	71.1	79.2	86.1	90.7	92.5	94.3	95.2	95.2	95.4	95.6	95.6	95.7	95.7	95.7	95.7
>=500	24.9	71.4	79.8	87.0	91.9	93.9	95.9	96.9	96.9	97.0	97.3	97.3	97.4	97.4	97.5	97.5
>=400	24.9	71.5	80.0	87.3	92.5	94.8	97.0	98.0	98.0	98.4	98.9	98.9	99.0	99.0	99.1	99.1
>=300	24.9	71.5	80.0	87.4	92.6	94.9	97.2	98.3	98.3	98.6	99.2	99.3	99.5	99.5	99.6	99.6
>=200	24.9	71.5	80.0	87.4	92.7	95.0	97.3	98.4	98.4	98.9	99.4	99.5	99.8	99.8	99.8	99.8
>=100	24.9	71.5	80.0	87.4	92.7	95.0	97.3	98.4	98.4	98.9	99.5	99.6	99.9	99.9	100.0	100.0
>= 0	24.9	71.5	80.0	87.4	92.7	95.0	97.3	98.4	98.4	98.9	99.5	99.6	99.9	99.9	100.0	100.0

TOTAL NO. OF OBS : 1220

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JUN
HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	23.6	49.4	51.9	54.1	55.5	55.9	56.2	56.2	56.2	56.2	56.3	56.4	56.4	56.4	56.4	56.4
>=20000	24.6	54.2	57.2	59.7	61.4	61.9	62.1	62.1	62.1	62.1	62.2	62.3	62.3	62.3	62.3	62.3
>=18000	24.7	54.4	57.3	59.9	61.6	62.1	62.3	62.3	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5
>=16000	24.8	54.6	57.5	60.0	61.7	62.2	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6
>=14000	25.2	55.5	58.5	61.0	62.8	63.3	63.5	63.5	63.5	63.5	63.6	63.7	63.7	63.7	63.7	63.7
>=12000	26.1	57.2	60.3	63.0	64.8	65.3	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7
>=10000	26.7	59.9	63.4	66.4	68.2	69.0	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
>=9000	26.7	60.0	63.5	66.6	68.4	69.1	69.5	69.5	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7
>=8000	27.7	64.0	68.1	71.2	73.0	73.9	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4
>=7000	27.9	64.8	68.9	72.0	73.9	74.8	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3
>=6000	28.0	65.1	69.5	72.6	74.6	75.4	75.7	75.8	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0
>=5000	28.7	66.3	70.6	73.7	75.7	76.6	77.0	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2
>=4500	28.7	67.1	71.5	74.6	76.6	77.5	77.9	77.9	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1
>=4000	29.2	68.6	73.2	76.5	78.5	79.4	79.7	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0
>=3500	29.3	68.8	73.5	76.7	78.7	79.6	80.0	80.0	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2
>=3000	30.1	70.4	75.4	78.7	80.9	81.9	82.2	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5
>=2500	30.4	71.2	76.1	79.5	81.8	82.7	83.1	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3
>=2000	31.2	72.7	78.0	81.6	84.1	85.1	85.4	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7
>=1800	31.4	73.3	78.7	82.2	84.9	85.8	86.2	86.2	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5
>=1500	32.2	75.0	80.9	84.5	87.3	88.4	88.7	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0
>=1200	32.7	76.5	82.6	86.6	89.4	90.7	91.0	91.1	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4
>=1000	32.9	77.7	84.3	88.8	91.8	93.3	93.6	93.7	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0
>=900	32.9	78.1	84.8	89.4	92.5	94.1	94.6	94.8	94.8	95.0	95.2	95.2	95.2	95.2	95.2	95.2
>=800	33.0	78.8	85.6	90.6	93.9	95.4	96.1	96.3	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7
>=700	33.1	79.2	86.1	91.0	94.6	96.3	97.0	97.1	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6
>=600	33.1	79.4	86.4	91.4	95.3	97.0	97.7	97.9	97.9	98.1	98.4	98.4	98.4	98.5	98.6	98.6
>=500	33.1	79.5	86.6	91.9	95.7	97.4	98.2	98.4	98.4	98.6	98.9	98.9	98.9	99.0	99.1	99.1
>=400	33.1	79.6	86.7	92.1	96.1	97.8	98.9	99.0	99.0	99.3	99.6	99.6	99.6	99.8	99.8	99.8
>=300	33.1	79.6	86.8	92.2	96.2	97.9	98.9	99.2	99.2	99.5	99.8	99.8	99.8	99.9	100.0	100.0
>=200	33.1	79.6	86.8	92.2	96.2	97.9	98.9	99.2	99.2	99.5	99.8	99.8	99.8	99.9	100.0	100.0
>=100	33.1	79.6	86.8	92.2	96.2	97.9	98.9	99.2	99.2	99.5	99.8	99.8	99.8	99.9	100.0	100.0
>=0	33.1	79.6	86.8	92.2	96.2	97.9	98.9	99.2	99.2	99.5	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NO. OF OBS : 1228

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JUN
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMITED	24.0	49.0	52.1	54.1	55.0	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
>=20000	25.3	53.9	58.0	60.7	61.7	62.1	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
>=18000	25.3	53.9	58.0	60.7	61.7	62.1	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
>=16000	25.5	54.1	58.2	60.8	61.8	62.2	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
>=14000	25.8	54.9	59.0	61.7	62.8	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
>=12000	26.1	55.7	59.9	62.7	63.7	64.1	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
>=10000	26.8	58.6	63.0	66.1	67.3	67.8	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
>=9000	27.0	59.0	63.4	66.5	67.7	68.2	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
>=8000	27.5	62.3	67.4	70.7	72.0	72.5	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
>=7000	28.0	63.2	68.4	71.7	73.0	73.6	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
>=6000	28.3	63.6	68.8	72.2	73.5	74.1	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
>=5000	29.0	64.8	70.1	73.5	74.9	75.4	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
>=4500	29.2	65.4	70.7	74.2	75.5	76.1	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
>=4000	30.4	67.5	73.0	76.7	78.3	78.9	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
>=3500	31.4	69.3	74.9	78.6	80.3	80.9	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
>=3000	32.6	73.0	79.2	83.1	84.8	85.5	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
>=2500	33.3	74.8	81.4	85.2	87.1	87.8	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
>=2000	33.9	77.0	84.0	88.0	90.2	91.0	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
>=1800	33.9	77.3	84.3	88.4	90.5	91.3	91.8	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
>=1500	34.5	78.6	85.8	90.0	92.4	93.5	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
>=1200	34.7	78.9	86.2	90.7	93.1	94.1	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
>=1000	34.9	79.6	87.4	92.1	94.6	95.7	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>=900	34.9	79.8	87.6	92.3	94.7	96.0	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
>=800	34.9	80.0	87.9	92.8	95.5	96.8	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=700	34.9	80.1	88.0	93.2	95.9	97.1	97.9	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=600	34.9	80.2	88.2	93.4	96.2	97.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
>=500	34.9	80.3	88.4	93.6	96.5	97.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
>=400	34.9	80.3	88.4	93.7	96.6	98.0	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>=300	34.9	80.3	88.4	93.7	96.6	98.1	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>=200	34.9	80.3	88.4	93.7	96.6	98.1	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>=100	34.9	80.3	88.4	93.7	96.6	98.1	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>=0	34.9	80.3	88.4	93.7	96.6	98.1	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NO. OF OBS : 1213

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JUN
HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1/2	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.0	49.2	52.1	54.3	55.2	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
>=20000	25.9	56.1	59.9	63.3	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
>=18000	25.9	56.2	60.1	63.5	65.0	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
>=16000	26.0	56.3	60.2	63.7	65.2	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
>=14000	26.5	57.0	61.0	64.4	65.9	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
>=12000	27.0	58.2	62.3	65.7	67.3	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
>=10000	27.7	60.4	64.9	68.5	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
>= 9000	27.7	60.7	65.3	68.9	70.8	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
>= 8000	28.2	63.7	69.1	73.1	75.1	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
>= 7000	28.7	64.9	70.3	74.4	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
>= 6000	29.1	65.7	71.2	75.3	77.3	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
>= 5000	30.0	68.0	73.6	77.7	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
>= 4500	30.1	68.7	74.3	78.4	80.5	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
>= 4000	30.8	70.8	76.5	80.8	83.2	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
>= 3500	31.2	71.8	77.6	82.0	84.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
>= 3000	31.9	75.0	81.3	86.1	88.8	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
>= 2500	32.1	75.8	82.4	87.3	90.0	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
>= 2000	32.7	77.4	84.0	89.0	91.8	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
>= 1800	32.7	77.6	84.4	89.3	92.1	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
>= 1500	32.9	78.5	85.3	90.4	93.5	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
>= 1200	33.1	79.0	86.0	91.2	94.5	95.2	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
>= 1000	33.2	79.8	86.9	92.4	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
>= 900	33.2	79.9	87.1	92.6	96.2	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
>= 800	33.4	80.5	87.7	93.3	96.9	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>= 700	33.4	80.6	87.9	93.5	97.2	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
>= 600	33.4	80.6	88.0	93.8	97.8	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>= 500	33.4	80.6	88.0	93.8	97.9	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>= 400	33.4	80.6	88.0	93.8	98.0	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>= 300	33.4	80.6	88.0	93.8	98.0	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>= 200	33.4	80.6	88.0	93.8	98.0	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>= 100	33.4	80.6	88.0	93.8	98.0	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>= 0	33.4	80.6	88.0	93.8	98.0	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NO. OF OBS : 1197

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JUN
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMITED	22.1	47.0	50.4	52.8	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6
>=20000	24.0	53.9	58.8	61.8	62.9	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6
>=18000	24.0	54.1	59.0	61.9	63.0	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8
>=16000	24.1	54.2	59.1	62.0	63.1	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9
>=14000	24.4	54.7	59.6	62.5	63.7	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
>=12000	25.3	56.8	62.1	65.1	66.3	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1
>=10000	26.4	60.4	66.2	69.3	70.5	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5
>= 9000	26.6	60.9	66.6	69.8	71.0	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0
>= 8000	27.4	64.4	70.9	74.1	75.5	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6
>= 7000	27.7	66.0	72.5	76.0	77.4	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5
>= 6000	27.9	66.8	73.4	76.8	78.2	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.4	79.4
>= 5000	28.5	69.4	76.1	79.6	81.2	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.5	82.5
>= 4500	28.7	70.5	77.3	80.9	82.5	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.8	83.8
>= 4000	29.2	72.2	79.4	83.1	84.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9	86.0	86.0
>= 3500	29.4	73.0	80.3	84.1	85.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.9	87.0	87.0
>= 3000	29.5	74.4	82.0	86.1	88.1	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.4	89.4
>= 2500	29.7	75.0	82.9	87.0	89.1	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.4	90.4
>= 2000	29.9	76.4	84.4	88.9	91.2	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7
>= 1800	30.0	76.5	84.5	89.0	91.2	92.2	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8
>= 1500	30.3	77.1	85.3	90.0	92.4	93.5	93.7	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.1	94.1
>= 1200	30.5	77.5	85.8	90.5	92.9	94.0	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7
>= 1000	30.6	78.7	87.0	91.9	94.4	95.5	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2
>= 900	30.6	79.0	87.4	92.3	94.8	95.9	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.7	96.7
>= 800	30.6	79.2	87.7	92.9	95.4	96.6	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.7	97.8
>= 700	30.6	79.5	88.2	93.7	96.4	97.6	98.2	98.5	98.5	98.5	98.5	98.5	98.6	98.7	98.8	98.9
>= 600	30.7	79.6	88.7	94.3	97.0	98.2	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.5	99.6
>= 500	30.7	79.6	88.7	94.4	97.1	98.2	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.7	99.7
>= 400	30.7	79.6	88.7	94.4	97.1	98.2	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.7	99.7
>= 300	30.7	79.6	88.7	94.4	97.2	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0
>= 200	30.7	79.6	88.7	94.4	97.2	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0
>= 100	30.7	79.6	88.7	94.4	97.2	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0
>= 0	30.7	79.6	88.7	94.4	97.2	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0

TOTAL NO. OF OBS : 1198

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER. MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : JUN
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2
UNLIMIT	22.3	54.5	58.3	60.7	61.5	62.1	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
>=20000	22.7	58.1	62.8	65.7	67.0	67.5	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
>=18000	22.7	58.1	62.8	65.7	67.0	67.5	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
>=16000	22.7	58.3	63.0	65.9	67.1	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
>=14000	23.0	59.0	63.7	66.6	67.9	68.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
>=12000	23.5	60.3	65.1	68.1	69.4	70.1	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
>=10000	24.4	63.5	68.7	71.9	73.2	73.8	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
>= 9000	24.7	64.0	69.2	72.4	73.7	74.3	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
>= 8000	25.1	67.1	72.7	76.3	77.7	78.4	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
>= 7000	25.4	67.9	73.6	77.3	78.7	79.4	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
>= 6000	25.7	68.7	74.4	78.1	79.6	80.3	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
>= 5000	26.1	70.4	76.3	80.1	81.6	82.3	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
>= 4500	26.2	70.8	76.8	80.7	82.3	83.1	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
>= 4000	26.4	72.4	78.6	82.8	84.4	85.2	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
>= 3500	26.7	73.0	79.1	83.4	85.0	85.8	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
>= 3000	26.9	74.6	81.1	85.7	87.5	88.4	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
>= 2500	27.0	75.3	82.1	86.7	88.5	89.4	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
>= 2000	27.2	76.2	83.1	87.7	89.6	90.5	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
>= 1800	27.2	76.3	83.3	88.0	89.9	90.8	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
>= 1500	27.3	77.7	85.0	90.1	92.1	93.0	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
>= 1200	27.5	78.6	86.0	91.3	93.2	94.1	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
>= 1000	27.6	79.3	87.1	92.7	94.8	95.7	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
>= 900	27.6	79.4	87.2	93.0	95.2	96.1	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>= 800	27.6	79.6	87.8	93.5	95.7	96.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
>= 700	27.7	79.8	88.1	93.8	96.0	97.1	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
>= 600	27.7	80.0	88.2	94.1	96.3	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>= 500	27.7	80.1	88.6	94.5	96.7	97.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>= 400	27.7	80.1	88.6	94.8	97.1	98.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>= 300	27.7	80.1	88.6	94.9	97.2	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>= 200	27.7	80.1	88.6	94.9	97.2	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>= 100	27.7	80.1	88.6	94.9	97.2	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>= 0	27.7	80.1	88.6	94.9	97.2	98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NO. OF OBS : 1223

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JUN
HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.4	48.9	52.5	55.2	56.3	56.7	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
>=20000	22.4	53.7	58.1	61.5	62.9	63.4	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
>=18000	22.5	53.8	58.2	61.6	63.0	63.5	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
>=16000	22.5	53.9	58.3	61.7	63.2	63.6	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
>=14000	22.8	54.5	59.0	62.4	63.9	64.3	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	65.0	65.0
>=12000	23.4	55.9	60.5	64.0	65.5	66.0	66.4	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>=10000	24.2	59.2	64.2	67.9	69.5	70.1	70.5	70.7	70.7	71.2	71.2	71.3	71.3	71.3	71.3	71.3
>=9000	24.5	59.6	64.6	68.3	70.0	70.6	71.0	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3
>=8000	25.1	63.1	68.7	72.8	74.6	75.2	75.6	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
>=7000	25.5	64.2	69.9	74.0	75.9	76.5	76.9	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
>=6000	25.7	64.9	70.7	74.8	76.7	77.3	77.7	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0
>=5000	26.3	66.4	72.3	76.5	78.4	79.1	79.5	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8
>=4500	26.4	67.0	73.1	77.3	79.2	79.9	80.3	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.7	80.7
>=4000	26.8	68.6	74.8	79.2	81.3	82.0	82.4	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
>=3500	27.1	69.4	75.7	80.1	82.2	82.9	83.3	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.7	83.7
>=3000	27.5	71.5	78.2	82.9	85.2	86.0	86.4	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8
>=2500	27.7	72.3	79.2	84.0	86.4	87.1	87.6	87.8	87.8	87.9	87.9	87.9	87.9	87.9	88.0	88.0
>=2000	28.1	73.6	80.7	85.7	88.2	89.0	89.5	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
>=1800	28.1	73.8	80.9	85.9	88.5	89.3	89.8	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.3
>=1500	28.5	74.9	82.3	87.5	90.2	91.1	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1
>=1200	28.7	75.6	83.2	88.5	91.3	92.2	92.8	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2
>=1000	28.8	76.6	84.4	90.0	92.9	93.9	94.6	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0
>=900	28.9	76.9	84.8	90.4	93.4	94.4	95.1	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6
>=800	28.9	77.3	85.3	91.1	94.2	95.3	96.1	96.4	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7
>=700	29.0	77.6	85.7	91.6	94.8	95.9	96.7	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.4	97.4
>=600	29.0	77.8	86.0	92.1	95.4	96.6	97.6	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.3	98.3
>=500	29.0	77.9	86.3	92.5	95.9	97.1	98.2	98.5	98.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9
>=400	29.0	78.0	86.4	92.6	96.2	97.5	98.7	99.0	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5
>=300	29.0	78.0	86.4	92.7	96.3	97.6	98.9	99.3	99.3	99.5	99.7	99.7	99.7	99.8	99.8	99.8
>=200	29.0	78.0	86.4	92.7	96.4	97.7	98.9	99.3	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9
>=100	29.0	78.0	86.4	92.7	96.4	97.7	98.9	99.4	99.4	99.6	99.8	99.8	99.9	99.9	100.0	100.0
>=0	29.0	78.0	86.4	92.7	96.4	97.7	98.9	99.4	99.4	99.6	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NO. OF OBS : 9747

1 - SURFACE WINDS

Q13721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : JUL
 CLASS : ALL WEATHER HOUR : 0100 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.		1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
SPEED (KNOTS)														
N	.8	.7	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.8
NNE	.3	.8	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.1
NE	.2	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.5	7.6
ENE	.6	.8	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.9
E	.7	1.3	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.4
ESE	.5	.8	.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	2.2	6.7
SE	.4	1.2	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.5
SSE	.6	1.6	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.5	6.0
S	3.4	5.0	1.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	10.4	5.0
SSW	1.5	4.5	3.9	1.8	.0	.0	.0	.0	.0	.0	.0	.0	11.7	7.1
SW	1.8	5.3	7.7	3.3	.1	.1	.0	.0	.0	.0	.0	.0	18.2	7.8
WSW	1.3	2.8	1.9	.7	.0	.0	.0	.0	.0	.0	.0	.0	6.7	6.1
W	1.4	3.7	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	6.2	5.0
WNW	1.0	2.7	1.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	5.3	5.6
W	1.6	2.1	1.4	.6	.0	.0	.0	.0	.0	.0	.0	.0	5.7	6.1
NNW	.5	1.2	.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	2.8	6.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.9	.0
ALL	16.6	35.0	23.9	9.3	.2	.1	.0	.0	.0	.0	.0	.0	100.0	5.4

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : JUL
 CLASS : ALL WEATHER HOUR : 0000 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	2	1	WIND	SPEED			
N	.5	.9	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.2
NNE	.8	.8	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	7.4
NE	.5	1.5	1.2	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	7.2
NNE	.5	.8	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	5.2
E	.5	1.2	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	5.6
ESE	.2	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.2
SE	.5	.4	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.6
SSE	.5	.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.9
S	2.4	2.2	1.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	5.0
SSW	1.5	2.8	2.5	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	6.8
SW	1.8	5.0	5.3	3.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.1	8.0
WSW	1.5	4.1	2.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.4	6.0
W	3.1	4.7	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1	4.5
WNW	2.8	3.5	1.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.4	5.1
W	1.8	2.6	1.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	5.6
WNW	1.2	1.8	1.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	6.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.2	.0
ALL	20.0	33.8	21.2	9.0	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	5.3

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

Q13721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : JUL
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS)																TOTAL	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	2	3	4	5	6		
N	.8	1.1	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.9
NNE	.2	1.5	1.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	7.8
NE	.8	1.6	1.7	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	7.3
NNE	.6	1.4	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	6.0
E	.5	1.2	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.8
ESE	.1	.4	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.9
SE	.5	.7	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	6.6
SSE	.4	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	7.4
S	1.4	2.3	1.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	5.7
SSW	1.0	2.8	1.8	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	7.0
SW	1.5	3.5	4.9	3.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.3	8.2
WSW	.5	3.4	2.7	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	7.3
W	2.2	5.5	2.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.6	5.3
WNW	2.3	4.1	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	4.9
NW	1.8	4.3	2.0	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1	6.3
NNW	1.7	2.8	1.9	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9	6.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.7	.0
ALL	16.4	36.9	26.7	9.4	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	5.9

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JUL
HOUR : 1000 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT.		1 - 31		4 - 61		7-101		11-161		17-211		22-271		28-331		34-401		41-471		48-551		>=561		TOTAL	MEAN
DIR.																								%	WIND
N	1.5	3.1	2.1	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6	6.7
NNE	1.0	3.5	2.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	6.3
NE	.5	2.5	1.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	6.7
NNE	.9	1.6	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.3
E	.8	2.1	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	5.6
ESE	1.2	3.0	.9	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	5.6
SE	.7	1.5	2.5	1.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	8.1
SSE	.6	1.2	1.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	6.8
S	.8	2.7	1.4	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	6.2
SSW	.5	2.0	2.2	1.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	8.2
SW	.9	1.9	4.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.5	8.0
WSW	.5	2.0	3.0	1.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	8.1
W	.7	2.0	1.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	6.5
WNW	1.0	2.7	1.8	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	6.3
NW	1.9	4.3	2.9	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.3	6.3
NNW	1.2	1.9	1.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	5.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	.0
ALL	14.5	38.1	30.3	10.7	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	6.4

TOTAL NO. OF OBS : 1302

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : JUL
 HOUR : 1300 LST

CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

16 PT. DIR.	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.2	2.7	2.7	.5	.0	.0	.0	.0	.0	.0	.0	7.0	6.4
NNE	.8	3.7	1.8	.2	.2	.0	.0	.0	.0	.0	.0	6.6	6.1
NE	.8	2.5	2.3	.4	.0	.0	.0	.0	.0	.0	.0	6.1	6.4
ENE	.7	1.6	.5	.1	.0	.0	.0	.0	.0	.0	.0	2.8	5.0
E	.9	2.2	.7	.5	.0	.0	.0	.0	.0	.0	.0	4.3	5.9
ESE	.7	3.2	2.3	.6	.0	.1	.0	.0	.0	.0	.0	6.9	6.7
SE	.3	5.1	6.6	4.3	.7	.1	.0	.0	.0	.0	.0	17.1	9.0
SSE	.2	2.3	3.7	2.3	.3	.0	.0	.0	.0	.0	.0	8.8	9.2
S	.3	1.3	2.3	1.4	.1	.0	.0	.0	.0	.0	.0	5.4	8.9
SSW	.1	.9	2.1	1.5	.0	.0	.0	.0	.0	.0	.0	4.6	9.4
SW	.1	1.5	3.2	1.0	.2	.0	.0	.0	.0	.0	.0	6.0	8.5
WSW	.2	1.3	2.0	1.5	.2	.0	.0	.0	.0	.0	.0	5.1	9.0
W	.6	1.5	1.7	.5	.1	.0	.0	.0	.0	.0	.0	4.5	7.4
WNW	.1	.5	1.1	.5	.1	.1	.0	.0	.0	.0	.0	2.3	9.2
NW	.5	1.6	2.5	.7	.2	.0	.0	.0	.0	.0	.0	5.5	8.0
NNW	.8	1.9	1.4	.5	.0	.0	.0	.0	.0	.0	.0	4.6	6.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	.0
ALL	8.3	34.1	36.7	16.3	1.9	.2	.0	.0	.0	.0	.0	100.0	7.6

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : JUL
 CLASS : ALL WEATHER HOUR : 1600 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.		1	- 3	4	- 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL %	MEAN WIND SPEED
SPEED (KNOTS)																
N		.7	2.4	1.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	6.0
NNE		1.0	2.6	1.8	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	5.8	6.1
NE		.8	2.3	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	5.6
NNE		.4	1.2	.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.6	6.7
E		.8	1.5	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.6
ESE		.7	2.6	1.5	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	5.3	6.5
SE		.7	4.3	7.0	4.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	17.1	9.0
SSE		.7	2.8	8.1	4.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	16.8	9.1
S		.8	2.0	3.2	1.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	7.5	7.8
SSW		.1	1.3	2.3	1.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.2	9.1
SW		.3	1.8	1.8	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.1	8.1
WSW		.2	1.0	2.1	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	4.0	8.6
W		.2	1.5	2.8	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	7.5
WNW		.2	.8	1.4	.5	.0	.0	.0	.0	.0	.0	.1	.0	.0	2.8	9.2
NW		.6	.8	1.5	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	3.5	8.2
NNW		.7	.9	1.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	3.3	7.5
VAR		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	.0
ALL		8.7	29.9	38.5	17.1	1.8	.4	.0	.0	.0	.0	.1	.0	.0	100.0	7.6

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : JUL
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS)											TOTAL %	MEAN WIND SPEED
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56		
N	1.9	1.0	1.2	.2	.1	.0	.0	.0	.0	.0	.0	4.5	5.4
NNE	1.2	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	2.8	4.6
NE	.5	.6	.4	.2	.2	.0	.0	.0	.0	.0	.0	1.8	6.7
ENE	.5	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	1.6	6.4
E	.7	1.0	.7	.3	.1	.1	.0	.0	.0	.0	.0	2.8	6.9
ESE	.6	.8	.8	.2	.1	.0	.0	.0	.0	.0	.0	2.5	6.4
SE	1.3	2.7	1.8	.8	.2	.1	.0	.0	.0	.0	.0	6.8	7.1
SSE	1.7	6.6	4.8	1.0	.1	.0	.0	.0	.0	.0	.0	14.1	6.4
S	3.8	11.4	7.5	.8	.0	.1	.0	.0	.0	.0	.0	23.5	5.9
SSW	1.2	4.2	2.3	.5	.1	.0	.0	.0	.0	.0	.0	8.3	6.3
SW	.8	3.2	2.0	.4	.1	.0	.0	.0	.0	.0	.0	6.5	6.4
WSW	.5	1.4	1.1	.3	.0	.0	.0	.0	.0	.0	.0	3.2	6.3
W	.5	1.5	.9	.2	.0	.0	.0	.0	.0	.0	.0	3.1	5.8
WNW	.3	.9	.9	.2	.2	.0	.0	.1	.0	.0	.0	2.6	8.2
NW	.7	.7	.5	.2	.1	.0	.0	.0	.0	.0	.0	2.2	6.1
NNW	1.2	.6	.2	.3	.1	.0	.0	.0	.0	.0	.0	2.3	5.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.3	.0
ALL	17.4	37.8	26.1	6.0	1.1	.2	.0	.1	.0	.0	.0	100.0	5.5

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : JUL
 CLASS : ALL WEATHER HOUR : 2200 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

16 PT.	1	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL	MEAN
DIR.	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	8	WIND	SPEED
N	.3	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.5
NNE	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.6
NE	.5	.8	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.2
ENE	.5	.8	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.0
E	.9	.9	1.2	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	3.2	6.4
ESE	.2	1.0	1.1	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	8.0
SE	.7	.9	1.6	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	7.6
SSE	.6	2.6	2.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	6.8
S	3.4	9.8	5.5	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19.6	5.9
SSW	2.3	5.9	6.0	1.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.6	6.7
SW	2.0	5.2	4.4	1.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.0	6.8
WSW	.8	1.5	1.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	6.3
W	.7	1.8	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	5.8
WNW	.5	1.5	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	6.0
WU	1.5	1.2	.7	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	5.9
MNW	.7	1.2	.4	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	6.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.5	.0
ALL	15.8	35.7	26.8	7.3	.8	.0	.0	.0	.1	.0	.0	.0	.0	.0	100.0	5.6

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : JUL
 CLASS : ALL WEATHER HOUR : ALL
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT.	SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56							
DIR.																		
N	1.0	1.5	1.2	.3	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.1
NNE	.7	1.7	1.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.3
NE	.6	1.5	1.1	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	6.6
ENE	.6	1.1	.5	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.8
E	.7	1.4	.8	.2	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	6.0
ESE	.5	1.6	1.0	.3	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	6.5
SE	.6	2.1	2.7	1.5	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	8.3
SSE	.7	2.3	2.8	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	7.7
S	2.0	4.6	3.0	.8	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.4	6.1
SSW	1.0	3.0	2.9	1.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	7.3
SW	1.2	3.4	4.2	1.9	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.8	7.7
WSW	.7	2.2	2.0	.8	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	7.2
W	1.2	2.8	1.6	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	5.7
WNW	1.0	2.1	1.3	.3	.1	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	4.8	6.2
W	1.3	2.2	1.6	.5	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	6.5
WNW	1.0	1.5	1.0	.4	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5	.0
ALL	14.7	35.2	28.8	10.6	1.1	.2	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	100.0	6.2

TOTAL NO. OF OBS : 10412

NOTES :
 * = PERCENT < .05

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : JUL
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	19.8	53.0	58.6	61.6	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
>=20000	20.1	56.3	63.4	67.4	69.3	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9
>=18000	20.2	56.5	63.6	67.7	69.6	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2
>=16000	20.2	56.5	63.6	67.7	69.6	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2
>=14000	20.3	56.8	63.9	68.0	69.9	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
>=12000	20.7	57.9	65.4	69.5	71.5	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0
>=10000	21.4	61.3	69.1	73.8	76.1	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
>= 9000	21.6	61.7	69.5	74.2	76.5	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
>= 8000	21.9	65.7	74.2	79.5	82.1	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
>= 7000	22.3	66.6	75.1	80.5	83.1	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8
>= 6000	22.5	67.0	75.5	80.9	83.6	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3
>= 5000	22.5	67.6	76.2	81.6	84.4	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
>= 4500	22.7	68.1	76.7	82.1	84.9	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6
>= 4000	23.1	69.0	77.8	83.3	86.4	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1
>= 3500	23.1	69.3	78.3	83.9	87.0	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
>= 3000	23.1	70.6	80.0	86.1	89.6	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
>= 2500	23.2	71.2	80.8	87.0	90.7	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5
>= 2000	23.4	72.4	82.1	88.3	92.3	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1
>= 1800	23.4	72.7	82.5	88.6	92.6	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5
>= 1500	23.4	73.3	83.2	89.5	93.4	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6
>= 1200	23.5	73.8	83.8	90.2	94.2	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4
>= 1000	23.7	74.8	84.8	91.4	95.3	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6
>= 900	23.7	75.1	85.3	91.9	95.8	96.4	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2
>= 800	23.7	75.3	85.8	92.4	96.6	97.2	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0
>= 700	23.7	75.5	85.9	92.6	96.8	97.5	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4
>= 600	23.7	75.8	86.2	93.0	97.3	98.0	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>= 500	23.7	75.8	86.2	93.0	97.6	98.3	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
>= 400	23.7	75.8	86.2	93.0	97.7	98.5	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9
>= 300	23.7	75.8	86.2	93.0	97.7	98.5	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0
>= 200	23.7	75.8	86.2	93.0	97.7	98.5	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0
>= 100	23.7	75.8	86.2	93.0	97.7	98.5	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0
>= 0	23.7	75.8	86.2	93.0	97.7	98.5	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NO. OF OBS : 1265

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : JUL
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1/2	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMITED	15.4	46.4	52.7	56.8	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1
>=20000	15.8	49.7	57.2	62.2	65.5	65.7	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1
>=18000	15.9	49.8	57.3	62.2	65.6	65.8	66.0	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.2
>=16000	15.9	49.8	57.3	62.3	65.6	65.9	66.0	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3
>=14000	16.0	50.6	58.1	63.1	66.4	66.7	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1
>=12000	16.7	52.0	59.8	64.8	68.2	68.4	68.7	68.8	68.8	68.9	68.9	69.0	69.0	69.0	69.0
>=10000	18.0	55.7	64.3	69.4	73.1	73.5	73.9	74.0	74.0	74.1	74.1	74.2	74.2	74.2	74.2
>=9000	18.1	56.1	64.7	69.7	73.6	74.0	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
>=8000	19.0	60.0	68.9	74.4	78.8	79.1	79.5	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.8
>=7000	19.4	61.1	70.0	75.8	80.1	80.7	81.0	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4
>=6000	19.8	61.8	70.9	76.8	81.1	81.8	82.1	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.4
>=5000	20.1	63.2	72.2	78.2	82.8	83.4	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
>=4500	20.2	64.0	73.0	79.0	83.6	84.2	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
>=4000	20.5	65.2	74.5	80.5	85.2	85.9	86.2	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5
>=3500	20.5	65.4	74.9	80.9	85.6	86.3	86.6	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9
>=3000	20.5	66.5	76.5	82.8	87.6	88.2	88.5	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9
>=2500	20.6	67.1	77.1	83.6	88.4	89.0	89.5	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8
>=2000	20.9	67.9	78.3	85.0	89.8	90.5	91.0	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
>=1800	20.9	67.9	78.3	85.0	89.8	90.5	91.0	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4
>=1500	20.9	68.6	79.3	86.3	91.2	91.9	92.4	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8
>=1200	20.9	69.1	79.9	87.0	92.0	92.8	93.3	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.7
>=1000	20.9	69.7	80.8	88.4	93.4	94.2	94.7	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2
>=900	21.0	70.3	81.4	89.1	94.2	95.0	95.6	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
>=800	21.2	71.1	82.2	90.0	95.1	96.1	96.6	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2
>=700	21.2	71.3	82.5	90.4	96.0	97.0	97.7	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
>=600	21.3	71.6	82.8	90.8	96.4	97.4	98.1	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8
>=500	21.3	71.8	83.1	91.3	97.0	98.1	98.9	99.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8
>=400	21.3	71.9	83.2	91.4	97.1	98.2	99.0	99.4	99.4	99.6	99.7	99.8	99.8	99.8	99.8
>=300	21.3	71.9	83.2	91.4	97.1	98.2	99.0	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9
>=200	21.3	71.9	83.2	91.4	97.1	98.2	99.0	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9
>=100	21.3	71.9	83.2	91.5	97.2	98.3	99.1	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0
>= 0	21.3	71.9	83.2	91.5	97.2	98.3	99.1	99.6	99.6	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NO. OF OBS : 1266

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : JUL
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	16.5	39.0	43.1	47.4	50.0	50.9	51.9	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6
>=20000	17.4	42.7	47.3	52.3	55.2	56.3	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2
>=18000	17.4	42.7	47.4	52.4	55.3	56.3	57.5	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
>=16000	17.5	42.8	47.5	52.6	55.5	56.5	57.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4
>=14000	18.1	44.3	49.2	54.2	57.1	58.2	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1
>=12000	19.2	47.1	52.3	57.4	60.4	61.5	62.8	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5
>=10000	20.1	51.2	56.9	62.4	66.2	67.5	68.9	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6
>= 9000	20.3	51.8	57.4	63.0	66.7	68.1	69.4	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
>= 8000	21.4	55.6	62.3	69.2	73.5	75.0	76.4	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2
>= 7000	21.6	56.3	63.1	70.0	74.4	75.9	77.3	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.1
>= 6000	21.7	56.7	63.4	70.3	74.8	76.3	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.5
>= 5000	22.1	58.1	65.0	71.9	76.5	78.0	79.5	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.4
>= 4500	22.2	58.4	65.4	72.4	77.1	78.6	80.1	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.9	80.9
>= 4000	22.5	59.5	66.7	74.2	79.0	80.5	82.0	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.8
>= 3500	22.5	60.0	67.2	74.7	79.6	81.1	82.6	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.5
>= 3000	22.9	60.9	68.4	76.2	81.3	83.0	84.6	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.4
>= 2500	23.1	61.5	69.0	76.9	82.0	83.7	85.3	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.2
>= 2000	23.4	62.5	70.1	78.1	83.2	84.9	86.8	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6
>= 1800	23.6	62.8	70.4	78.4	83.6	85.3	87.2	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.0
>= 1500	23.7	63.7	71.5	79.4	84.7	86.7	88.6	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.5
>= 1200	23.9	64.4	72.5	80.9	86.3	88.3	90.2	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.2
>= 1000	24.1	65.6	74.0	82.5	88.4	90.5	92.4	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.4
>= 900	24.1	66.0	74.5	83.2	89.3	91.3	93.3	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.4
>= 800	24.3	66.8	75.5	84.2	90.7	92.8	94.9	95.7	95.7	95.8	95.9	95.9	95.9	95.9	96.0	96.1
>= 700	24.3	67.2	76.0	85.0	91.5	93.6	95.7	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.1	97.2
>= 600	24.4	67.6	76.5	85.7	92.2	94.6	96.8	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.3	98.3
>= 500	24.4	68.0	77.0	86.3	93.0	95.5	97.7	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.3	99.4
>= 400	24.4	68.0	77.0	86.3	93.1	95.7	97.9	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.5	99.6
>= 300	24.4	68.0	77.0	86.3	93.1	95.7	97.9	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.8	99.8
>= 200	24.4	68.0	77.0	86.3	93.1	95.7	97.9	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.9	100.0
>= 100	24.4	68.0	77.0	86.3	93.1	95.7	97.9	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.9	100.0
>= 0	24.4	68.0	77.0	86.3	93.1	95.7	97.9	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NO. OF OBS : 1269

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD

PERIOD OF RECORD : 1945-1986

CLASS : ALL WEATHER

CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

MONTH : JUL

HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMITED	21.7	45.3	48.7	51.7	53.2	54.0	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
>=20000	23.3	49.7	53.4	57.3	59.1	60.0	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8
>=18000	23.7	50.2	53.9	57.9	59.7	60.6	61.2	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=16000	24.1	50.8	54.5	58.4	60.3	61.1	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
>=14000	24.4	51.3	55.1	59.1	60.9	61.8	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
>=12000	25.3	54.1	58.1	62.2	64.0	65.0	65.6	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
>=10000	26.7	57.8	62.1	66.6	68.5	69.5	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
>=9000	26.8	58.3	62.7	67.2	69.2	70.1	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
>=8000	27.3	60.6	65.5	70.7	73.0	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
>=7000	27.4	61.2	66.0	71.5	74.1	75.2	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
>=6000	27.7	61.6	66.5	71.9	74.5	75.6	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
>=5000	28.2	62.6	67.8	73.4	76.0	77.3	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
>=4000	28.3	63.6	69.2	75.3	78.1	79.3	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
>=3500	28.4	64.2	69.8	76.0	78.8	80.0	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
>=3000	28.6	66.0	71.9	78.4	81.5	83.0	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
>=2500	28.9	67.1	73.2	79.9	83.0	84.5	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
>=2000	29.7	68.7	75.0	81.8	85.0	86.4	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
>=1800	29.7	68.8	75.2	81.9	85.2	86.6	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
>=1500	30.8	71.2	77.8	85.0	88.6	90.1	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
>=1200	31.3	73.0	79.7	87.1	90.9	92.5	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
>=1000	31.7	74.6	81.5	89.0	93.2	95.0	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
>=900	31.8	74.7	81.7	89.4	93.8	95.6	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
>=800	31.9	75.2	82.4	90.4	95.0	96.9	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
>=700	31.9	75.2	82.5	90.5	95.1	97.1	98.6	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=600	31.9	75.2	82.5	90.5	95.1	97.2	98.7	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
>=500	31.9	75.2	82.5	90.5	95.2	97.4	99.0	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>=400	31.9	75.3	82.6	90.6	95.3	97.5	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
>=300	31.9	75.3	82.6	90.6	95.3	97.5	99.1	99.4	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
>=200	31.9	75.3	82.6	90.6	95.3	97.5	99.1	99.4	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
>=100	31.9	75.3	82.6	90.6	95.3	97.5	99.1	99.4	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
>= 0	31.9	75.3	82.6	90.6	95.3	97.5	99.1	99.4	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9

TOTAL NO. OF OBS : 1268

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : JUL
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.7	44.2	47.6	50.4	51.9	52.4	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
>=20000	23.4	50.3	54.6	58.1	59.7	60.4	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
>=18000	23.6	50.6	54.9	58.5	60.0	60.8	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=16000	23.9	51.0	55.3	58.9	60.4	61.2	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
>=14000	24.5	51.9	56.2	60.0	61.6	62.3	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
>=12000	25.6	54.1	58.6	62.6	64.2	64.9	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
>=10000	26.4	56.3	61.3	65.7	67.4	68.1	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
>= 9000	26.4	56.5	61.5	65.8	67.6	68.3	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
>= 8000	27.2	59.5	65.1	69.8	72.0	72.8	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
>= 7000	27.4	60.2	65.9	70.6	72.8	73.6	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
>= 6000	27.4	60.4	66.1	70.8	73.0	73.9	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
>= 5000	27.7	61.4	67.4	72.2	74.4	75.4	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
>= 4500	27.8	61.8	67.8	72.8	75.0	75.9	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
>= 4000	28.5	63.2	69.5	74.7	77.3	78.2	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
>= 3500	29.1	64.3	70.6	75.8	78.5	79.4	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
>= 3000	29.9	68.0	75.1	81.6	85.1	86.3	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
>= 2500	31.3	70.6	77.8	84.7	88.4	89.8	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
>= 2000	32.2	72.5	80.2	87.5	91.3	92.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
>= 1800	32.6	73.2	80.9	88.2	92.1	93.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
>= 1500	33.0	74.7	82.8	90.3	94.2	95.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
>= 1200	33.3	75.3	83.3	90.9	94.8	96.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
>= 1000	33.3	75.7	84.0	91.6	95.6	97.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>= 900	33.3	75.8	84.0	91.7	95.9	97.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
>= 800	33.3	75.9	84.4	92.1	96.3	97.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
>= 700	33.3	75.9	84.4	92.1	96.4	98.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>= 600	33.3	76.0	84.5	92.2	96.5	98.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>= 500	33.3	76.0	84.5	92.2	96.5	98.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>= 400	33.3	76.0	84.5	92.2	96.5	98.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>= 300	33.3	76.0	84.5	92.2	96.5	98.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>= 200	33.3	76.0	84.5	92.2	96.5	98.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>= 100	33.3	76.0	84.5	92.2	96.5	98.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>= 0	33.3	76.0	84.5	92.2	96.5	98.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NO. OF OBS : 1259

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD

PERIOD OF RECORD : 1945-1986

CLASS : ALL WEATHER

CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

MONTH : JUL

HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.2	44.4	48.7	51.8	53.4	53.5	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
>=20000	22.8	50.3	55.7	60.0	62.1	62.2	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
>=18000	23.0	50.6	55.9	60.2	62.3	62.5	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
>=16000	23.2	51.0	56.4	60.7	62.8	62.9	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
>=14000	23.9	52.3	57.7	62.1	64.2	64.4	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
>=12000	25.2	55.0	60.7	65.2	67.5	67.7	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
>=10000	26.4	58.3	64.5	69.4	72.2	72.4	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
>=9000	26.5	58.7	64.9	69.9	72.7	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
>=8000	27.2	62.0	68.5	74.0	77.0	77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
>=7000	27.2	62.7	69.4	75.0	78.3	78.6	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
>=6000	27.5	63.2	69.9	75.6	78.9	79.2	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
>=5000	27.9	64.5	71.2	77.2	80.7	81.0	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
>=4500	28.1	65.1	71.9	77.9	81.4	81.7	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
>=4000	28.4	66.3	73.2	79.8	83.5	83.9	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
>=3500	28.7	66.8	73.8	80.4	84.1	84.5	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
>=3000	29.4	70.2	78.0	85.1	89.4	90.0	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
>=2500	30.0	71.8	79.7	86.9	91.5	92.2	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
>=2000	30.7	73.6	81.5	88.9	93.6	94.2	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
>=1800	30.7	73.9	81.9	89.2	93.9	94.6	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
>=1500	31.0	74.8	82.9	90.7	95.4	96.0	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
>=1200	31.0	74.9	83.1	91.0	95.7	96.4	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
>=1000	31.0	74.9	83.1	91.1	96.1	96.8	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=900	31.0	74.9	83.1	91.1	96.1	96.8	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=800	31.1	75.2	83.5	91.5	96.6	97.3	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=700	31.1	75.2	83.7	91.8	97.0	97.7	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>=600	31.1	75.3	83.8	91.9	97.1	97.8	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=500	31.1	75.3	83.9	92.1	97.4	98.2	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>=400	31.1	75.3	83.9	92.1	97.4	98.2	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>=300	31.1	75.4	83.9	92.2	97.4	98.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>=200	31.1	75.4	83.9	92.2	97.4	98.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>=100	31.1	75.4	83.9	92.2	97.4	98.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>=0	31.1	75.4	83.9	92.2	97.4	98.3	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NO. OF OBS : 1252

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : JUL
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMITED	18.3	42.9	47.0	49.8	50.7	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.4
>=20000	19.5	49.4	54.8	59.1	61.0	61.7	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3
>=18000	19.6	49.6	55.0	59.3	61.1	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4
>=16000	19.6	49.8	55.2	59.5	61.4	62.1	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7
>=14000	20.1	50.9	56.3	60.6	62.6	63.3	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9
>=12000	21.5	53.7	59.3	64.0	66.2	67.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6
>=10000	22.3	57.0	63.1	68.1	70.5	71.2	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9
>= 9000	22.6	57.5	63.6	68.6	70.9	71.7	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4
>= 8000	23.9	62.3	69.1	74.8	77.3	78.0	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8
>= 7000	24.4	63.6	70.7	76.7	79.4	80.1	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0
>= 6000	24.6	64.4	71.4	77.5	80.3	81.0	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9
>= 5000	24.9	65.8	73.1	79.3	82.1	83.0	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9
>= 4500	25.1	66.4	73.6	80.0	82.8	83.6	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6
>= 4000	25.2	67.5	74.9	81.3	84.4	85.2	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2
>= 3500	25.5	68.2	75.6	82.1	85.3	86.1	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1
>= 3000	26.0	70.9	78.7	85.7	89.0	89.9	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2
>= 2500	26.2	72.6	80.5	87.5	90.9	92.0	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2
>= 2000	26.5	73.6	81.7	89.0	92.7	93.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1
>= 1800	26.5	73.8	81.8	89.3	92.9	94.1	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4
>= 1500	26.9	74.9	83.2	90.7	94.6	95.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2
>= 1200	27.0	75.2	83.6	91.2	95.1	96.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7
>= 1000	27.0	75.4	83.8	91.6	95.5	96.6	97.8	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.5	98.5
>= 900	27.0	75.5	83.9	91.7	95.7	96.8	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.7	98.7
>= 800	27.0	75.6	84.2	92.0	95.9	97.1	98.3	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.9	98.9
>= 700	27.0	75.7	84.3	92.0	96.1	97.2	98.5	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.2	99.2
>= 600	27.0	75.8	84.3	92.1	96.2	97.3	98.5	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.3	99.3
>= 500	27.0	76.0	84.6	92.5	96.6	97.7	98.9	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.8	99.8
>= 400	27.0	76.0	84.6	92.5	96.6	97.7	98.9	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.8	99.8
>= 300	27.0	76.0	84.6	92.5	96.6	97.7	98.9	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.9	99.9
>= 200	27.0	76.0	84.6	92.5	96.6	97.7	98.9	99.4	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0
>= 100	27.0	76.0	84.6	92.5	96.6	97.7	98.9	99.4	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0
>= 0	27.0	76.0	84.6	92.5	96.6	97.7	98.9	99.4	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NO. OF OBS : 1232

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JUL
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMITED	20.2	51.6	55.8	58.4	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
>=20000	20.8	54.9	60.0	64.1	66.3	66.6	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
>=18000	20.9	55.1	60.2	64.2	66.5	66.8	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
>=16000	20.9	55.2	60.4	64.4	66.6	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
>=14000	21.0	55.6	60.8	64.8	67.1	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
>=12000	21.5	57.0	62.8	66.9	69.4	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
>=10000	22.7	60.7	67.1	71.8	74.6	75.3	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
>=9000	22.9	61.3	67.7	72.5	75.3	75.9	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
>=8000	23.9	65.7	72.9	78.4	81.6	82.3	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9
>=7000	24.2	66.1	73.6	79.2	82.4	83.1	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
>=6000	24.3	66.4	73.9	79.5	82.7	83.4	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0
>=5000	24.7	67.8	75.3	81.3	84.5	85.2	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
>=4500	24.7	68.5	76.1	82.1	85.4	86.1	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7
>=4000	24.7	69.3	77.1	83.3	86.7	87.4	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
>=3500	24.9	69.5	77.3	83.6	87.0	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
>=3000	25.1	71.4	79.6	86.2	89.9	90.6	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
>=2500	25.1	72.3	80.5	87.4	91.1	91.8	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
>=2000	25.1	73.3	81.9	88.9	92.6	93.3	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1
>=1800	25.2	73.6	82.2	89.4	93.0	93.8	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
>=1500	25.5	74.4	83.3	90.6	94.5	95.3	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
>=1200	25.5	74.8	83.7	91.0	95.0	95.8	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>=1000	25.5	75.2	84.1	91.5	95.6	96.6	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
>=900	25.6	75.5	84.5	91.8	96.0	97.0	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
>=800	25.7	75.9	84.9	92.3	96.6	97.5	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6
>=700	25.8	76.1	85.2	92.6	96.9	97.8	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
>=600	25.8	76.1	85.4	93.0	97.3	98.2	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4
>=500	25.8	76.1	85.5	93.2	97.5	98.6	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
>=400	25.8	76.2	85.6	93.4	97.7	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0
>=300	25.8	76.2	85.6	93.4	97.7	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0
>=200	25.8	76.2	85.6	93.4	97.7	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0
>=100	25.8	76.2	85.6	93.4	97.7	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0
>=0	25.8	76.2	85.6	93.4	97.7	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1249

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : JUL
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)																		
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	19.4	45.9	50.3	53.5	55.3	55.7	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
>=20000	20.4	50.4	55.8	60.1	62.3	62.8	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5
>=18000	20.5	50.6	56.0	60.3	62.5	63.1	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
>=16000	20.7	50.9	56.3	60.6	62.8	63.3	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0
>=14000	21.0	51.7	57.1	61.5	63.7	64.3	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0
>=12000	22.0	53.9	59.6	64.1	66.4	67.0	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
>=10000	23.0	57.3	63.5	68.4	71.1	71.8	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5
>= 9000	23.2	57.7	64.0	68.9	71.6	72.2	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0
>= 8000	23.9	61.4	68.3	73.8	76.9	77.7	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
>= 7000	24.2	62.2	69.2	74.9	78.0	78.8	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
>= 6000	24.4	62.7	69.7	75.4	78.6	79.4	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2
>= 5000	24.8	63.9	71.0	76.9	80.2	81.0	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9
>= 4500	24.9	64.4	71.6	77.5	80.8	81.7	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5
>= 4000	25.2	65.4	72.9	79.0	82.6	83.4	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3
>= 3500	25.3	65.9	73.4	79.7	83.2	84.1	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0
>= 3000	25.7	68.1	76.0	82.7	86.7	87.6	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7
>= 2500	26.0	69.3	77.3	84.2	88.2	89.2	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
>= 2000	26.5	70.5	78.8	85.9	90.0	91.1	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3
>= 1800	26.6	70.8	79.1	86.2	90.4	91.4	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
>= 1500	26.9	71.9	80.5	87.8	92.1	93.2	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5
>= 1200	27.0	72.6	81.2	88.6	93.0	94.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5
>= 1000	27.1	73.2	82.0	89.6	94.1	95.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.8	96.8
>= 900	27.2	73.5	82.3	90.0	94.6	95.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.3	97.3
>= 800	27.3	73.9	82.8	90.6	95.3	96.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.2
>= 700	27.3	74.0	83.1	90.9	95.7	97.0	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7
>= 600	27.3	74.2	83.3	91.1	96.0	97.3	98.5	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1
>= 500	27.3	74.3	83.4	91.4	96.3	97.7	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6
>= 400	27.3	74.3	83.4	91.4	96.4	97.8	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8
>= 300	27.3	74.3	83.4	91.4	96.4	97.8	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.9	99.9	99.9	100.0
>= 200	27.3	74.3	83.4	91.4	96.4	97.8	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.9	99.9	100.0	100.0
>= 100	27.3	74.3	83.4	91.5	96.4	97.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0
>= 0	27.3	74.3	83.4	91.5	96.4	97.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NO. OF OBS : 10060

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : AUG
 HOUR : 0100 LST

CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN
N	.4	.9	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.2
NNE	.3	1.0	.5	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	7.9
NE	.4	1.1	.8	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	7.8
ENE	.6	1.4	1.1	.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	3.6	7.3
E	1.0	2.0	1.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	5.7
ESE	.4	.9	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.7
SE	.4	.8	.5	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	2.0	6.8
SSE	1.2	1.2	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.0
S	4.0	4.6	1.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.7	4.9
SSW	1.9	4.4	3.8	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.4	6.7
SW	1.7	5.0	5.8	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.4	7.3
WSW	1.2	1.8	1.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	6.0
W	1.7	3.2	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	4.7
WNW	1.4	2.2	.9	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	5.5
NW	1.2	2.7	1.4	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	6.8
NNW	1.2	1.4	1.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	5.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.4	.0
ALL	19.1	34.7	23.5	7.5	.8	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	100.0	5.3

TOTAL NO. OF OBS : 1300

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : AUG
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN
N	.5	.8	1.2	.3	.0	.0	.0	.0	.0	.0	.0	2.8	7.0
NNE	.3	.8	1.1	.9	.2	.1	.0	.0	.0	.0	.0	3.3	9.3
NE	.5	1.2	1.8	.6	.4	.0	.0	.0	.0	.0	.0	4.6	8.6
ENE	.2	1.7	.7	.5	.0	.0	.0	.0	.0	.0	.0	3.2	7.0
E	.7	1.3	1.1	.2	.0	.0	.0	.0	.0	.0	.0	3.2	6.1
ESE	.3	.5	.2	.1	.0	.1	.0	.0	.0	.0	.0	1.2	6.4
SE	.2	.4	.2	.4	.0	.0	.0	.0	.0	.0	.0	1.2	7.6
SSE	1.0	.4	.4	.2	.0	.0	.0	.0	.1	.0	.0	2.0	6.2
S	2.3	2.5	1.0	.2	.0	.0	.0	.0	.0	.0	.0	6.0	4.8
SSW	1.2	2.5	2.8	.8	.1	.0	.0	.0	.0	.0	.0	7.4	6.9
SW	1.5	4.5	4.8	1.9	.2	.0	.0	.0	.0	.0	.0	13.0	7.3
WSW	1.8	3.2	1.5	.3	.0	.0	.0	.0	.0	.0	.0	6.8	5.5
W	2.8	4.0	.9	.2	.0	.0	.0	.0	.0	.0	.0	7.9	4.4
WNW	2.2	3.8	1.1	.2	.1	.0	.0	.0	.0	.0	.0	7.2	5.0
NW	2.2	2.9	1.8	.8	.0	.1	.0	.0	.0	.0	.0	7.8	6.0
NNW	1.6	2.2	1.2	.7	.0	.0	.0	.0	.0	.0	.0	5.8	6.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.6	.0
ALL	19.5	32.8	21.8	8.2	.8	.2	.0	.0	.1	.0	.0	100.0	5.3

TOTAL NO. OF OBS : 1300

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : AUG
 CLASS : ALL WEATHER HOUR : 0700 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)												TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56			
N	.8	.8	1.2	.4	.2	.0	.0	.0	.0	.0	.0	.0	3.4	7.0
NNE	.5	1.1	1.8	.5	.2	.0	.1	.0	.0	.0	.0	.0	4.0	8.2
NE	.4	2.3	3.3	1.3	.0	.0	.0	.0	.0	.0	.0	.0	7.3	7.9
ENE	.9	1.7	1.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	4.6	6.3
E	.4	2.2	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	3.4	5.7
ESE	.2	.7	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	1.5	7.9
SE	.3	.7	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.7	6.2
SSE	.3	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.2	6.1
S	1.6	2.5	1.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.3	4.9
SSW	1.4	2.2	2.4	.9	.1	.0	.0	.0	.0	.0	.0	.0	6.9	6.9
SW	1.2	4.1	4.7	1.4	.1	.0	.0	.0	.0	.0	.0	.0	11.5	7.2
WSW	1.2	3.7	2.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	7.4	5.8
W	2.8	5.8	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.6	4.5
WNW	2.0	4.0	1.0	.4	.2	.0	.0	.0	.0	.0	.0	.0	7.5	5.4
NW	2.3	3.7	2.5	.6	.2	.0	.0	.0	.0	.0	.0	.0	9.2	6.1
NNW	1.6	2.8	1.9	.4	.1	.0	.0	.0	.0	.0	.0	.0	6.8	6.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.8	.0
ALL	17.8	38.6	26.5	7.2	1.1	.0	.1	.0	.0	.0	.0	.0	100.0	5.7

TOTAL NO. OF OBS : 1300

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : AUG
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.	1-31	4-61	7-101	11-161	17-211	22-271	28-331	34-401	41-471	48-551	>=561	TOTAL %	MEAN WIND SPEED
N	1.4	3.5	2.8	1.2	.1	.0	.0	.0	.0	.0	.0	8.9	6.9
NNE	1.2	3.4	2.9	.8	.1	.2	.0	.0	.0	.0	.0	8.5	7.0
NE	1.1	2.4	2.4	.5	.0	.0	.0	.0	.0	.0	.0	6.3	6.5
NNE	.5	2.5	1.3	.3	.1	.0	.0	.0	.0	.0	.0	4.7	6.4
E	.8	2.2	1.1	.2	.0	.0	.0	.0	.0	.0	.0	4.3	5.5
ESE	.5	2.1	2.1	.2	.2	.0	.1	.0	.0	.0	.0	5.2	7.3
SE	.5	1.2	.7	.3	.2	.0	.0	.0	.0	.0	.0	6.1	7.6
SSE	.3	1.8	1.7	.6	.0	.0	.0	.0	.0	.0	.0	2.6	6.3
S	.2	1.8	2.4	.9	.0	.0	.0	.0	.0	.0	.0	4.5	7.2
SSW	.7	2.5	3.7	1.4	.0	.0	.0	.0	.0	.0	.0	5.3	7.8
SW	.7	1.7	2.5	1.2	.1	.0	.0	.0	.0	.0	.0	8.3	7.8
WSW	.8	2.1	1.6	.2	.2	.0	.0	.0	.0	.0	.0	6.2	7.7
W	1.0	2.9	1.2	.2	.1	.0	.0	.0	.0	.0	.0	4.8	6.2
WNW	1.5	3.5	2.6	.8	.2	.1	.0	.0	.0	.0	.0	5.4	5.5
W	.5	2.6	1.5	.5	.2	.0	.0	.0	.0	.0	.0	8.6	6.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	6.7
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	12.3	38.6	32.5	10.0	1.3	.2	.1	.0	.0	.0	.0	100.0	6.5

TOTAL NO. OF OBS : 1300

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : AUG
 HOUR : 1300 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS)											TOTAL %	MEAN WIND SPEED
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56		
N	.9	3.2	2.3	.7	.0	.0	.1	.0	.0	.0	.0	7.2	6.8
NNE	1.2	4.7	3.5	.5	.1	.0	.0	.0	.0	.0	.0	9.9	6.4
NE	1.2	3.2	2.7	.2	.0	.1	.0	.0	.0	.0	.0	7.4	6.4
NNE	.9	2.1	1.0	.2	.2	.0	.0	.0	.0	.0	.0	4.3	5.9
E	.8	2.3	1.2	.3	.0	.0	.0	.0	.0	.0	.0	4.6	5.7
ESE	.6	3.4	2.2	1.0	.2	.1	.0	.0	.0	.0	.0	7.5	7.5
SE	.5	3.9	6.8	3.4	.6	.0	.0	.0	.0	.0	.0	15.2	8.9
SSE	.5	1.7	2.8	1.7	.0	.0	.0	.0	.0	.0	.0	6.8	8.3
S	.2	1.7	2.1	.4	.0	.0	.0	.0	.0	.0	.0	4.4	7.6
SSW	.2	1.2	1.9	1.1	.1	.0	.0	.0	.0	.0	.0	4.4	8.9
SW	.2	.7	2.4	1.3	.0	.0	.0	.0	.0	.0	.0	4.6	9.3
WSW	.1	1.1	1.6	.7	.0	.0	.0	.0	.0	.0	.0	3.5	8.4
W	.8	1.2	1.5	.3	.0	.0	.0	.0	.0	.0	.0	3.8	6.7
WNW	.5	1.5	1.5	.3	.2	.0	.0	.0	.0	.0	.0	3.9	7.2
NW	.2	1.7	1.8	1.3	.2	.1	.0	.0	.0	.0	.0	5.3	9.1
NNW	.8	1.7	1.5	.2	.1	.1	.0	.0	.0	.0	.0	4.4	6.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	.0
ALL	9.6	35.2	36.9	13.5	1.6	.3	.1	.0	.0	.0	.0	100.0	7.4

TOTAL NO. OF OBS : 1299

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : AUG
 CLASS : ALL WEATHER HOUR : 1600 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	2	1	2	1	2	1	WIND
N	.9	3.3	2.2	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2
NNE	1.3	4.5	2.1	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
NE	1.2	3.0	1.2	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2
NNE	.5	1.2	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2
E	1.2	1.8	1.3	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
ESE	.8	2.0	.9	.7	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9
SE	1.1	4.7	6.5	4.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.5
SSE	.7	3.2	5.8	4.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9
S	.5	2.6	2.7	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2
SSW	.1	1.2	2.5	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.4
SW	.1	.8	2.8	.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0
WSW	.1	1.2	1.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5
W	.3	1.2	1.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9
WNW	.4	.8	.9	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6
NW	.4	1.6	2.1	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1
NNW	.8	1.7	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	10.3	34.9	35.5	14.8	.9	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2

TOTAL NO. OF OBS : 1300

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

PERIOD OF RECORD : 1945-1986

CLASS : ALL WEATHER

CONDITION : NONE SPECIFIED

MONTH : AUG

HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT.		1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL	MEAN	
DIR.		SPEED (KNOTS)												%	WIND
															SPEED
N	2.2	1.7	1.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	5.4	5.1	
NNE	1.2	1.3	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	3.5	5.3	
NE	.2	1.0	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.2	7.0	
NNE	.6	.7	.8	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.4	7.3	
E	.4	1.5	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	8.1	
ESE	.5	1.2	.6	.8	.1	.0	.1	.0	.0	.0	.0	.0	3.2	8.3	
SE	.8	1.5	1.3	.7	.1	.0	.0	.0	.0	.0	.0	.0	4.3	7.3	
SSE	1.2	5.2	4.1	.5	.1	.0	.0	.0	.0	.0	.0	.0	11.1	6.2	
S	5.8	12.3	6.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	25.3	5.4	
SSW	1.3	3.7	1.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	7.1	5.6	
SW	.6	2.4	1.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	4.3	6.2	
WSW	.5	1.6	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.8	5.9	
W	.8	1.8	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.3	
WNW	.7	.7	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.6	
NW	.8	.9	.8	.1	.0	.1	.0	.0	.0	.0	.0	.0	2.6	5.9	
NNW	1.5	1.0	.7	.4	.1	.0	.0	.0	.0	.0	.0	.0	3.6	5.7	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.8	.0	
ALL	19.0	38.5	24.0	5.9	.5	.2	.1	.0	.0	.0	.0	.0	100.0	5.3	

TOTAL NO. OF OBS : 1300

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : AUG
 HOUR : 2200 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

16 PT. 1	1 - 31	4 - 61	7-101	11-161	SPEED (KNOTS)										TOTAL	MEAN		
					17-211	22-271	28-331	34-401	41-471	48-551	>561	%	SPEED					
DIR.																		
N	.6	.5	.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	2.1	7.1				
NNE	.4	.7	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	1.8	7.4				
NE	.5	1.4	1.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	3.3	6.6				
NNE	.5	.8	.8	.7	.0	.1	.0	.0	.0	.0	.0	.0	2.9	7.8				
E	.6	1.8	2.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	5.2	7.0				
ESE	.2	1.2	1.2	.5	.0	.0	.1	.0	.0	.0	.0	.0	3.0	8.2				
SE	.6	1.6	2.2	.3	.1	.1	.1	.0	.0	.0	.0	.0	5.0	7.7				
SSE	1.0	2.7	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	4.8	5.4				
S	5.1	9.1	5.2	.8	.0	.0	.0	.0	.0	.0	.0	.0	20.2	5.4				
SSW	1.8	5.2	3.2	.8	.1	.0	.0	.0	.0	.0	.0	.0	11.1	6.2				
SW	1.3	4.8	3.5	.8	.0	.0	.0	.0	.0	.0	.0	.0	10.4	6.5				
WSW	.8	1.3	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.4	6.1				
W	1.0	1.7	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	3.6	5.3				
WNW	1.1	1.3	.7	.2	.2	.0	.0	.0	.0	.0	.0	.0	3.5	5.9				
NW	1.0	1.2	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.8				
NNW	1.5	.9	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.6	5.2				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.7	.0				
ALL	18.1	36.2	25.3	6.9	.5	.2	.2	.0	.0	.0	.0	.0	100.0	5.4				

TOTAL NO. OF OBS : 1299

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : AUG
 HOUR : ALL

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL		MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	2	3	4	5	6	7	8	
N	1.0	1.8	1.5	.5	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5
NNE	.8	2.2	1.6	.5	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9
NE	.7	2.0	1.8	.5	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1
NNE	.6	1.5	1.0	.4	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7
E	.7	1.9	1.3	.3	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3
ESE	.4	1.5	1.0	.5	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4
SE	.5	2.0	2.5	1.3	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2
SSE	.8	2.0	2.0	.9	.0*	.0*	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2
S	2.5	4.7	2.8	.5	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6
SSW	1.0	2.8	2.6	.8	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9
SW	.9	3.1	3.6	1.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4
WSW	.8	2.0	1.6	.4	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5
W	1.4	2.6	1.1	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2
WNW	1.1	2.2	1.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8
NW	1.2	2.3	1.7	.7	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8
NNW	1.2	1.8	1.3	.4	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	15.7	36.2	28.2	9.2	1.0	.2	.1	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0

TOTAL NO. OF OBS : 10398

NOTES :
 * = PERCENT < .05

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : AUG
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMITED	14.8	49.1	55.0	59.0	61.7	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
>=20000	15.0	51.1	57.9	62.8	66.1	66.6	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
>=18000	15.0	51.3	58.1	63.0	66.3	66.8	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
>=16000	15.1	51.3	58.1	63.1	66.4	66.9	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
>=14000	15.3	51.9	58.7	63.6	66.9	67.4	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
>=12000	15.7	53.6	60.6	65.5	68.9	69.4	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
>=10000	16.6	58.0	65.6	71.1	74.8	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
>= 9000	16.7	58.5	66.3	71.8	75.5	75.9	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
>= 8000	17.2	62.3	70.6	76.7	80.3	80.8	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
>= 7000	17.4	63.1	71.6	77.6	81.3	81.7	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
>= 6000	17.6	63.6	72.1	78.1	81.7	82.2	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
>= 5000	18.0	64.7	73.6	79.7	83.4	83.9	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
>= 4500	18.1	65.2	74.2	80.4	84.2	84.7	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
>= 4000	18.3	65.9	74.9	81.3	85.1	85.7	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
>= 3500	18.7	66.6	75.8	82.1	86.1	86.6	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
>= 3000	18.8	68.0	78.0	84.7	88.9	89.5	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
>= 2500	18.8	68.5	78.6	85.6	89.8	90.3	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
>= 2000	18.9	69.2	79.5	86.5	90.8	91.4	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
>= 1800	18.9	69.5	79.7	86.8	91.1	91.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
>= 1500	19.0	70.1	80.5	87.7	92.1	92.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
>= 1200	19.1	71.0	81.6	88.8	93.3	94.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
>= 1000	19.2	71.7	82.4	89.7	94.1	94.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
>= 900	19.3	71.9	82.8	90.2	94.8	95.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
>= 800	19.3	72.2	83.1	90.5	95.1	95.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
>= 700	19.3	72.4	83.4	91.0	95.6	96.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>= 600	19.3	72.8	83.9	91.7	96.4	97.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
>= 500	19.3	72.9	84.0	91.9	96.7	97.5	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
>= 400	19.3	72.9	84.1	91.9	96.9	97.7	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>= 300	19.3	72.9	84.2	92.0	97.0	97.8	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>= 200	19.3	72.9	84.3	92.1	97.1	97.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>= 100	19.3	72.9	84.3	92.1	97.1	97.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>= 0	19.3	72.9	84.3	92.1	97.1	97.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NO. OF OBS : 1264

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : AUG
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMITY	12.3	46.4	52.5	58.2	61.4	61.7	62.2	62.5	62.5	62.6	62.7	62.8	62.8	62.9
>=20000	12.3	48.0	54.7	61.1	65.0	65.4	66.1	66.5	66.5	66.6	66.6	66.7	66.7	66.9
>=18000	12.4	48.1	54.9	61.3	65.1	65.5	66.2	66.6	66.6	66.8	66.8	66.9	66.9	67.0
>=16000	12.5	48.2	54.9	61.3	65.2	65.6	66.3	66.7	66.7	66.8	66.9	67.0	67.0	67.1
>=14000	12.7	48.9	55.7	62.1	66.0	66.4	67.1	67.5	67.5	67.6	67.7	67.7	67.8	67.9
>=12000	13.1	50.1	57.2	63.8	67.7	68.1	68.9	69.2	69.2	69.3	69.4	69.5	69.5	69.6
>=10000	13.4	53.1	60.6	67.4	71.7	72.2	72.9	73.3	73.3	73.4	73.4	73.5	73.6	73.7
>= 9000	13.4	53.7	61.1	68.1	72.3	72.8	73.5	73.9	74.0	74.1	74.1	74.2	74.2	74.3
>= 8000	14.2	57.4	65.5	72.9	77.3	77.8	78.6	79.0	79.1	79.1	79.2	79.2	79.3	79.4
>= 7000	14.3	58.3	66.4	73.8	78.2	78.7	79.4	79.8	79.8	80.0	80.1	80.2	80.2	80.2
>= 6000	14.5	59.1	67.3	74.6	79.1	79.5	80.3	80.7	80.7	80.8	80.9	80.9	81.0	81.1
>= 5000	14.8	60.3	68.6	76.0	80.4	80.9	81.7	82.1	82.1	82.2	82.2	82.3	82.3	82.5
>= 4500	14.9	60.5	68.8	76.2	80.7	81.2	82.0	82.4	82.4	82.5	82.5	82.6	82.6	82.8
>= 4000	15.1	61.8	70.4	77.9	82.5	83.0	83.8	84.2	84.2	84.3	84.3	84.4	84.4	84.6
>= 3500	15.3	62.5	71.2	78.8	83.4	84.0	84.7	85.1	85.1	85.2	85.3	85.4	85.4	85.5
>= 3000	15.3	64.3	73.4	81.0	85.8	86.4	87.2	87.6	87.6	87.7	87.7	87.8	87.8	88.0
>= 2500	15.4	64.7	73.8	81.5	86.4	87.0	87.7	88.1	88.1	88.2	88.3	88.4	88.4	88.5
>= 2000	15.8	65.9	75.2	83.1	88.3	88.9	89.7	90.1	90.1	90.2	90.3	90.4	90.4	90.5
>= 1800	15.8	66.2	75.5	83.5	88.8	89.3	90.2	90.6	90.6	90.7	90.8	90.8	90.8	91.0
>= 1500	16.0	66.8	76.4	84.5	90.0	90.6	91.5	91.9	91.9	92.0	92.0	92.1	92.1	92.3
>= 1200	16.2	67.2	77.1	85.5	91.3	92.0	92.9	93.3	93.3	93.4	93.5	93.6	93.6	93.8
>= 1000	16.2	68.2	78.3	86.9	92.7	93.4	94.4	94.9	94.9	95.0	95.1	95.2	95.2	95.3
>= 900	16.2	68.5	78.7	87.4	93.4	94.1	95.1	95.6	95.6	95.7	95.8	95.9	95.9	96.0
>= 800	16.4	69.2	79.4	88.1	94.2	95.0	96.0	96.5	96.5	96.7	96.8	96.8	96.8	97.0
>= 700	16.4	69.4	79.7	88.6	94.7	95.6	96.6	97.1	97.1	97.2	97.3	97.4	97.4	97.5
>= 600	16.4	69.7	80.2	89.3	95.7	96.5	97.6	98.1	98.1	98.3	98.4	98.5	98.5	98.7
>= 500	16.4	69.9	80.4	89.6	96.0	96.9	98.0	98.6	98.6	98.7	98.9	99.0	99.0	99.1
>= 400	16.4	70.0	80.6	89.8	96.2	97.2	98.3	99.0	99.0	99.1	99.3	99.4	99.4	99.6
>= 300	16.4	70.0	80.7	90.0	96.4	97.4	98.7	99.3	99.3	99.4	99.6	99.7	99.7	99.9
>= 200	16.4	70.0	80.8	90.0	96.4	97.5	98.7	99.4	99.4	99.5	99.7	99.8	99.8	99.9
>= 100	16.4	70.0	80.8	90.0	96.4	97.5	98.7	99.4	99.4	99.5	99.7	99.8	99.8	100.0
>= 0	16.4	70.0	80.8	90.0	96.4	97.5	98.7	99.4	99.4	99.5	99.7	99.8	99.8	100.0

TOTAL NO. OF OBS : 1265

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : AUG
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16
UNLIMIT	13.2	36.7	42.6	47.1	51.0	52.3	53.8	53.9	54.0	54.1	54.3	54.3	54.3	54.3	54.3	54.3
>=20000	13.7	39.7	46.4	51.5	55.8	57.4	59.2	59.4	59.5	59.6	59.8	59.8	59.8	59.8	59.8	59.8
>=18000	13.7	39.9	46.6	51.6	55.9	57.5	59.3	59.6	59.6	59.8	60.0	60.0	60.0	60.0	60.0	60.0
>=16000	13.8	40.0	46.7	51.8	56.1	57.7	59.5	59.7	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1
>=14000	14.5	41.2	48.1	53.2	57.6	59.2	61.1	61.3	61.4	61.5	61.8	61.8	61.8	61.8	61.8	61.8
>=12000	14.9	42.6	49.6	55.0	59.4	61.1	62.9	63.2	63.3	63.4	63.7	63.7	63.7	63.7	63.7	63.7
>=10000	16.3	47.0	54.5	60.3	65.1	67.0	69.2	69.5	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9
>=9000	16.4	47.5	55.0	61.9	65.7	67.7	69.9	70.1	70.2	70.3	70.6	70.6	70.6	70.6	70.6	70.6
>=8000	17.1	51.5	60.1	67.1	72.2	74.4	77.1	77.4	77.5	77.7	77.9	77.9	77.9	77.9	77.9	77.9
>=7000	17.3	52.2	61.0	68.0	73.2	75.4	78.0	78.4	78.4	78.6	78.8	78.8	78.8	78.8	78.8	78.8
>=6000	17.8	53.2	62.1	69.2	74.4	76.6	79.2	79.5	79.6	79.8	80.0	80.0	80.0	80.0	80.0	80.0
>=5000	17.9	53.9	62.9	70.1	75.5	77.7	80.4	80.7	80.8	81.0	81.2	81.2	81.2	81.2	81.2	81.2
>=4500	18.2	54.1	63.3	70.5	76.2	78.4	81.0	81.4	81.4	81.6	81.8	81.8	81.8	81.8	81.8	81.8
>=4000	18.4	54.9	64.1	71.4	77.2	79.5	82.1	82.5	82.5	82.7	82.9	82.9	82.9	82.9	82.9	82.9
>=3500	18.4	55.1	64.3	71.7	77.5	79.8	82.5	82.8	82.9	83.1	83.3	83.3	83.3	83.3	83.3	83.3
>=3000	18.5	55.9	65.5	73.5	79.4	81.9	84.6	85.0	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4
>=2500	18.7	56.5	66.2	74.4	80.3	82.9	85.6	86.0	86.1	86.2	86.5	86.5	86.5	86.5	86.5	86.5
>=2000	18.7	57.1	67.2	75.3	81.4	83.9	86.6	87.0	87.1	87.3	87.5	87.5	87.5	87.5	87.5	87.5
>=1800	18.7	57.1	67.2	75.3	81.5	84.1	86.8	87.2	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6
>=1500	19.0	58.5	68.7	77.3	83.5	86.1	88.8	89.2	89.3	89.5	89.7	89.7	89.7	89.7	89.7	89.7
>=1200	19.2	59.2	69.6	78.4	84.7	87.3	90.2	90.6	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1
>=1000	19.4	60.3	71.1	80.1	86.8	89.6	92.7	93.1	93.2	93.4	93.6	93.6	93.6	93.6	93.6	93.6
>=900	19.4	60.5	71.3	80.3	87.1	89.9	93.0	93.4	93.5	93.7	93.9	93.9	93.9	93.9	93.9	93.9
>=800	19.4	61.4	72.6	82.1	89.1	92.1	95.2	95.7	95.8	96.1	96.3	96.3	96.4	96.4	96.4	96.4
>=700	19.4	61.8	73.1	82.7	89.7	92.7	95.8	96.3	96.4	96.7	96.9	96.9	97.0	97.0	97.0	97.0
>=600	19.4	62.2	73.6	83.3	90.6	93.6	96.8	97.2	97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0
>=500	19.5	62.6	74.3	84.0	91.5	94.6	97.9	98.3	98.4	98.8	99.1	99.1	99.2	99.2	99.2	99.2
>=400	19.6	62.7	74.5	84.3	91.8	95.0	98.3	98.7	98.8	99.2	99.5	99.5	99.6	99.6	99.6	99.6
>=300	19.6	62.7	74.6	84.5	92.0	95.1	98.4	99.0	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8
>=200	19.6	62.7	74.6	84.5	92.0	95.1	98.4	99.0	99.1	99.4	99.8	99.8	99.9	99.9	100.0	100.0
>=100	19.6	62.7	74.6	84.5	92.0	95.1	98.4	99.0	99.1	99.4	99.8	99.8	99.9	99.9	100.0	100.0
>= 0	19.6	62.7	74.6	84.5	92.0	95.1	98.4	99.0	99.1	99.4	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NO. OF OBS : 1271

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : AUG
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	17.7	42.9	47.8	51.9	54.0	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
>=20000	18.6	47.3	53.0	58.1	60.6	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
>=18000	18.7	47.4	53.2	58.3	60.8	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
>=16000	18.8	47.5	53.3	58.3	60.9	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
>=14000	19.4	48.4	54.2	59.3	61.8	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
>=12000	19.8	49.5	55.6	60.7	63.2	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
>=10000	21.1	53.0	59.6	65.0	68.1	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
>=9000	21.2	53.6	60.2	65.6	68.8	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
>=8000	21.9	56.4	63.6	69.2	72.8	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
>=7000	22.1	57.0	64.2	69.9	73.4	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
>=6000	22.4	57.4	64.7	70.4	73.9	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
>=5000	22.5	58.3	65.5	71.4	74.9	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
>=4500	22.6	58.5	65.8	71.9	75.4	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
>=4000	22.7	59.2	66.6	72.7	76.4	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
>=3500	22.8	59.6	67.1	73.3	77.1	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
>=3000	23.1	61.5	69.2	75.8	79.8	81.0	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
>=2500	23.6	62.5	70.5	77.1	81.2	82.5	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
>=2000	24.3	64.8	72.9	79.8	84.0	85.3	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
>=1800	24.3	65.4	73.7	80.7	84.9	86.2	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
>=1500	24.7	67.0	75.9	83.2	87.7	89.3	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
>=1200	25.4	68.9	78.2	85.6	90.4	92.0	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
>=1000	25.5	70.8	80.3	88.1	93.0	94.7	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
>=900	25.6	71.3	80.8	88.7	93.9	95.6	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
>=800	25.8	72.1	81.7	89.9	95.3	97.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>=700	25.8	72.2	82.0	90.1	95.8	97.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
>=600	25.8	72.3	82.1	90.4	96.1	98.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
>=500	25.8	72.4	82.2	90.5	96.4	98.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>=400	25.8	72.5	82.3	90.6	96.5	98.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>=300	25.8	72.5	82.3	90.6	96.5	98.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>=200	25.8	72.5	82.3	90.6	96.5	98.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>=100	25.8	72.5	82.3	90.6	96.5	98.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>= 0	25.8	72.5	82.3	90.6	96.5	98.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NO. OF OBS : 1265

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : AUG
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMITED	18.8	42.1	47.4	50.8	53.0	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
>=20000	20.0	47.5	53.6	58.0	60.8	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
>=18000	20.0	47.5	53.6	58.0	60.8	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
>=16000	20.3	47.8	54.0	58.3	61.1	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
>=14000	20.8	48.8	55.1	59.5	62.4	62.6	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
>=12000	21.5	50.5	57.2	61.8	64.6	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
>=10000	22.5	53.3	60.5	65.5	68.6	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
>= 9000	22.5	53.6	60.8	65.8	68.9	69.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
>= 8000	23.5	56.4	64.0	69.4	72.9	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
>= 7000	23.6	57.2	64.8	70.3	73.8	74.2	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
>= 6000	24.0	57.9	65.4	70.9	74.5	74.9	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
>= 5000	24.4	58.7	66.4	72.0	75.5	75.9	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
>= 4500	24.6	59.0	66.8	72.4	75.9	76.3	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
>= 4000	24.9	60.0	67.8	73.6	77.2	77.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
>= 3500	25.5	61.0	69.0	74.8	78.4	78.9	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
>= 3000	26.3	64.6	73.3	79.6	83.5	84.2	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
>= 2500	27.3	67.2	76.0	82.5	86.5	87.2	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
>= 2000	28.3	70.1	79.2	86.1	90.3	91.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
>= 1800	28.3	70.3	79.6	86.5	90.7	91.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
>= 1500	28.7	71.7	81.3	88.3	92.7	93.6	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
>= 1200	29.0	72.8	82.8	90.0	94.4	95.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
>= 1000	29.1	73.5	83.7	91.1	95.5	96.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
>= 900	29.1	73.7	84.0	91.4	95.8	96.8	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>= 800	29.1	74.1	84.4	92.0	96.6	97.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
>= 700	29.2	74.2	84.6	92.2	97.0	97.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>= 600	29.2	74.3	84.7	92.3	97.2	98.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>= 500	29.2	74.3	84.8	92.4	97.4	98.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>= 400	29.2	74.3	84.8	92.4	97.4	98.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>= 300	29.2	74.3	84.8	92.5	97.4	98.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 200	29.2	74.3	84.8	92.5	97.4	98.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 100	29.2	74.3	84.8	92.5	97.4	98.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 0	29.2	74.3	84.8	92.5	97.4	98.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1253

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : AUG
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)																		
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	19.5	44.8	50.8	54.2	56.6	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
>=20000	20.4	48.9	55.6	60.1	63.2	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
>=18000	20.4	49.0	55.7	60.1	63.3	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
>=16000	20.7	49.2	55.9	60.4	63.6	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
>=14000	21.4	50.7	57.5	62.1	65.2	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
>=12000	22.4	52.7	59.9	64.4	67.7	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
>=10000	23.3	55.4	63.1	67.7	71.3	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
>=9000	23.3	55.6	63.2	67.9	71.4	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
>=8000	24.3	59.4	67.5	72.7	76.5	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
>=7000	24.6	60.0	68.1	73.5	77.3	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
>=6000	24.8	60.8	69.0	74.4	78.3	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
>=5000	25.0	61.3	69.6	75.0	79.1	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
>=4500	25.1	61.8	70.1	75.5	79.6	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
>=4000	25.3	62.9	71.5	77.0	81.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
>=3500	25.5	63.6	72.2	77.7	81.9	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>=3000	26.4	67.5	77.2	83.6	88.3	89.3	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
>=2500	27.0	69.0	79.0	85.9	90.9	91.9	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
>=2000	27.5	70.8	81.1	88.1	93.2	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
>=1800	27.5	70.8	81.2	88.1	93.3	94.4	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
>=1500	27.6	71.4	81.9	89.0	94.3	95.5	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
>=1200	27.7	71.7	82.3	89.6	94.8	96.0	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>=1000	27.7	72.2	82.8	90.4	95.6	96.8	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=900	27.7	72.3	82.9	90.6	96.0	97.2	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=800	27.7	72.7	83.3	91.0	96.4	97.7	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
>=700	27.7	72.7	83.3	91.1	96.5	97.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
>=600	27.7	72.9	83.5	91.3	96.8	98.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>=500	27.7	72.9	83.6	91.4	96.9	98.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>=400	27.7	72.9	83.6	91.4	96.9	98.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>=300	27.7	72.9	83.6	91.5	97.0	98.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>=200	27.7	72.9	83.6	91.5	97.0	98.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>=100	27.7	72.9	83.6	91.5	97.0	98.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>=0	27.7	72.9	83.6	91.5	97.0	98.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NO. OF OBS : 1257

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : AUG
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	15.8	42.4	46.7	50.3	53.3	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
>=20000	16.4	48.3	54.1	58.4	62.0	62.4	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
>=18000	16.6	48.5	54.4	58.7	62.3	62.7	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
>=16000	16.8	49.1	55.0	59.3	62.9	63.3	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
>=14000	17.1	49.8	55.8	60.1	63.7	64.1	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
>=12000	18.1	52.3	58.4	62.8	66.4	66.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
>=10000	19.5	56.8	63.7	68.5	72.4	72.9	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
>= 9000	19.5	57.1	64.2	68.9	72.9	73.3	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
>= 8000	20.1	60.6	68.7	73.8	78.0	78.5	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
>= 7000	20.3	61.4	69.8	75.1	79.3	79.7	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
>= 6000	20.6	61.8	70.3	75.6	79.7	80.2	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
>= 5000	20.9	62.8	71.3	76.6	80.9	81.4	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
>= 4500	21.0	63.3	71.9	77.3	81.6	82.1	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
>= 4000	21.0	64.1	72.9	78.5	83.1	83.8	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
>= 3500	21.3	64.9	73.7	79.3	83.9	84.6	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
>= 3000	21.8	67.8	77.0	83.2	88.0	88.7	89.4	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
>= 2500	21.9	68.8	78.0	84.4	89.3	90.1	90.9	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4
>= 2000	22.3	70.5	79.8	86.4	91.8	92.6	93.5	93.8	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1
>= 1800	22.5	71.1	80.4	86.9	92.4	93.2	94.2	94.4	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.7
>= 1500	22.8	72.1	81.6	88.4	93.8	94.7	95.7	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
>= 1200	22.8	72.2	81.9	88.8	94.2	95.1	96.2	96.4	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7
>= 1000	22.8	72.5	82.3	89.2	94.9	95.8	96.9	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
>= 900	22.8	72.7	82.7	89.7	95.5	96.5	97.5	97.8	97.8	98.1	98.1	98.1	98.2	98.2	98.2	98.2
>= 800	22.9	72.9	83.1	90.1	96.0	97.0	98.1	98.3	98.3	98.6	98.6	98.6	98.7	98.7	98.7	98.7
>= 700	22.9	73.0	83.3	90.2	96.2	97.2	98.4	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
>= 600	22.9	73.2	83.4	90.4	96.3	97.4	98.6	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
>= 500	22.9	73.3	83.5	90.6	96.6	97.6	99.0	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7
>= 400	22.9	73.3	83.5	90.6	96.6	97.6	99.1	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>= 300	22.9	73.3	83.5	90.6	96.6	97.6	99.1	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9
>= 200	22.9	73.3	83.5	90.6	96.6	97.7	99.2	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
>= 100	22.9	73.3	83.5	90.6	96.6	97.7	99.2	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
>= 0	22.9	73.3	83.5	90.6	96.6	97.7	99.2	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1249

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : AUG
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMITED	16.2	49.5	54.8	58.1	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
>=20000	16.6	53.3	59.2	63.3	66.6	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
>=18000	16.6	53.4	59.3	63.4	66.6	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
>=16000	16.6	53.4	59.4	63.4	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
>=14000	16.7	54.0	60.1	64.2	67.4	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
>=12000	17.4	55.5	61.9	66.1	69.4	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
>=10000	18.6	59.8	66.8	71.6	75.0	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
>=9000	18.8	60.5	67.7	72.5	75.9	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
>=8000	19.0	63.6	71.8	77.0	80.6	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
>=7000	19.3	64.3	72.6	77.8	81.5	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
>=6000	19.7	65.0	73.4	78.6	82.3	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
>=5000	19.8	66.4	74.8	80.2	83.8	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
>=4500	20.0	66.9	75.4	80.8	84.5	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
>=4000	20.2	67.6	76.2	81.8	85.4	86.0	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
>=3500	20.3	68.2	76.8	82.6	86.2	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
>=3000	20.7	70.3	79.7	85.6	89.6	90.2	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
>=2500	20.7	71.2	81.0	87.0	91.1	91.7	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
>=2000	20.7	72.2	82.0	88.6	92.9	93.4	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
>=1800	20.8	72.4	82.3	89.0	93.2	93.8	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
>=1500	20.9	73.0	83.4	90.2	94.5	95.1	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
>=1200	20.9	73.7	84.0	90.9	95.3	95.9	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
>=1000	20.9	74.3	84.7	91.8	96.2	96.9	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
>=900	21.0	74.5	85.2	92.2	96.6	97.4	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
>=800	21.0	74.7	85.4	92.5	96.9	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=700	21.0	74.7	85.5	92.6	97.1	97.9	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
>=600	21.0	74.7	85.5	92.6	97.2	98.2	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>=500	21.0	74.9	85.9	93.1	97.8	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>=400	21.0	74.9	86.0	93.2	97.9	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>=300	21.0	75.0	86.1	93.3	98.0	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>=200	21.0	75.0	86.1	93.3	98.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>=100	21.0	75.0	86.1	93.3	98.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>=0	21.0	75.0	86.1	93.3	98.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NO. OF OBS : 1250

2 - CEILING VS VISIBILITY

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

013721 : PATUXENT RIVER, MD

PERIOD OF RECORD : 1945-1986

CLASS : ALL WEATHER

CONDITION : NONE SPECIFIED

MONTH : AUG
HOUR : ALLPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	16.0	44.2	49.7	53.7	56.5	56.9	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
>=20000	16.6	48.0	54.3	59.2	62.5	63.1	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
>=18000	16.7	48.1	54.4	59.3	62.6	63.3	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1
>=16000	16.8	48.3	54.7	59.5	62.9	63.5	64.1	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3
>=14000	17.2	49.2	55.6	60.5	63.9	64.5	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
>=12000	17.8	50.8	57.6	62.5	65.9	66.5	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4
>=10000	18.9	54.6	61.8	67.1	70.9	71.6	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5
>= 9000	19.0	55.0	62.3	67.7	71.4	72.1	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1
>= 8000	19.7	58.4	66.5	72.3	76.3	77.1	77.9	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2
>= 7000	19.9	59.2	67.3	73.2	77.2	78.0	78.8	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1
>= 6000	20.2	59.8	68.0	74.0	78.0	78.8	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8
>= 5000	20.4	60.8	69.1	75.1	79.2	80.0	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.1
>= 4500	20.5	61.1	69.5	75.6	79.7	80.6	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
>= 4000	20.7	62.1	70.5	76.8	81.0	81.9	82.7	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0
>= 3500	21.0	62.7	71.3	77.5	81.8	82.7	83.5	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8
>= 3000	21.3	65.0	74.1	80.9	85.4	86.4	87.3	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6
>= 2500	21.7	66.0	75.4	82.3	86.9	87.9	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
>= 2000	22.1	67.6	77.1	84.2	89.1	90.1	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.5
>= 1800	22.1	67.8	77.4	84.6	89.5	90.5	91.5	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9
>= 1500	22.3	68.8	78.7	86.1	91.1	92.2	93.3	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6
>= 1200	22.5	69.6	79.6	87.2	92.3	93.4	94.5	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
>= 1000	22.6	70.4	80.7	88.4	93.6	94.8	96.0	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
>= 900	22.6	70.7	81.0	88.8	94.1	95.4	96.6	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
>= 800	22.7	71.2	81.6	89.5	94.9	96.2	97.5	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0
>= 700	22.7	71.3	81.8	89.8	95.3	96.6	98.0	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
>= 600	22.7	71.5	82.1	90.2	95.8	97.1	98.5	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
>= 500	22.7	71.6	82.3	90.4	96.1	97.5	98.9	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
>= 400	22.7	71.6	82.4	90.5	96.3	97.7	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8
>= 300	22.7	71.7	82.5	90.6	96.3	97.7	99.2	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
>= 200	22.7	71.7	82.5	90.6	96.4	97.8	99.2	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
>= 100	22.7	71.7	82.5	90.6	96.4	97.8	99.2	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
>= 0	22.7	71.7	82.5	90.6	96.4	97.8	99.2	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NO. OF OBS : 10074

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : SEP
 HOUR : 0100 LST

CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	16 PT.	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	2	3	WIND	SPEED
N	.8	.9	1.2	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	8.1	
NNE	.4	1.4	1.2	.9	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	8.9	
NE	.6	1.7	3.0	1.5	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	7.3	9.3	
ENE	.3	1.4	1.7	.6	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	4.0	7.8	
E	1.0	2.0	.9	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	5.9	
ESE	.4	1.0	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	6.6	
SE	.4	1.1	1.0	.5	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.0	7.9	
SSE	1.0	1.1	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.3	
S	1.9	3.8	1.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	5.5	
SSW	1.7	4.0	3.9	1.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.8	6.9	
SW	1.4	3.2	3.4	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.6	7.3	
WSW	.9	1.7	1.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	6.1	
W	2.3	2.0	1.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	4.6	
WNW	1.6	1.7	1.3	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	6.2	
NW	1.3	1.7	1.4	.7	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	6.9	
NNW	1.4	1.7	1.4	1.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	7.5	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.5	.0	
ALL	17.4	30.5	26.6	10.6	1.8	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	100.0	6.1	

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : SEP
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	2	3	4	5	6		
N	.4	.8	1.1	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	8.3
NNE	.3	.9	2.5	1.3	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	10.3
NE	1.1	2.3	3.4	2.1	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.7	9.0
ENE	.7	1.8	1.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.5
E	.9	2.1	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	5.8
ESE	.2	.6	.7	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	7.7
SE	.6	.7	.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	7.2
SSE	.3	.6	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.5
S	1.1	1.5	1.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	5.8
SSW	.9	2.5	2.9	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	7.7
SW	1.1	3.4	3.2	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.6	6.9
WSW	1.2	1.9	1.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	5.8
W	2.6	3.2	1.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	4.6
WNW	1.9	3.3	.9	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	5.3
NW	2.2	2.7	2.1	.7	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	6.5
NNW	1.1	1.9	1.4	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	7.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.7	.0
ALL	16.8	30.3	25.8	9.7	2.1	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	6.0

TOTAL NO. OF OBS : 1259

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

Q13721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : SEP
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL	MEAN
												%	WIND SPEED
N	1.0	1.0	1.3	.7	.0	.0	.1	.0	.0	.0	.0	4.1	7.4
NNE	.2	1.8	2.4	1.5	.3	.2	.0	.0	.0	.0	.0	6.4	9.4
NE	.3	3.3	4.3	2.1	.5	.1	.0	.0	.0	.0	.0	10.6	8.8
ENE	1.1	2.4	1.7	.9	.0	.0	.0	.0	.0	.0	.0	6.0	6.6
E	.6	1.7	1.5	.3	.0	.0	.0	.0	.0	.0	.0	4.1	6.5
ESE	.4	.3	.6	.2	.0	.1	.0	.0	.0	.0	.0	1.6	7.7
SE	.2	.2	.9	.6	.1	.0	.0	.0	.0	.0	.0	2.0	9.5
SSE	.2	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	1.3	7.5
S	.8	1.6	1.4	.3	.0	.0	.0	.0	.0	.0	.0	4.1	6.7
SSW	1.5	2.3	1.6	.8	.1	.0	.0	.0	.0	.0	.0	6.3	6.3
SW	1.1	3.3	2.8	1.4	.2	.1	.0	.0	.0	.0	.0	8.8	7.5
WSW	1.3	2.4	1.7	.2	.1	.0	.0	.0	.0	.0	.0	5.6	5.9
W	2.1	3.3	.8	.2	.0	.0	.0	.0	.0	.0	.0	6.4	4.7
WNW	2.1	2.5	1.3	.3	.1	.0	.0	.0	.0	.0	.0	6.3	5.4
NW	1.6	2.7	1.8	.9	.4	.1	.2	.0	.0	.0	.0	7.6	7.5
NNW	1.3	2.4	2.3	.7	.4	.0	.2	.0	.0	.0	.0	7.3	7.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.3	.0
ALL	15.9	31.7	26.7	11.5	2.1	.5	.4	.0	.0	.0	.0	100.0	6.4

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

I - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : SEP
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	WIND		SPEED			
N	.9	2.7	3.1	1.9	.4	.1	.0	.0	.0	.0	.0	9.0	8.3					
NNE	1.2	4.1	3.7	1.3	.2	.0	.0	.0	.0	.0	.0	10.4	7.2					
NE	.7	3.9	3.4	1.5	.2	.0	.0	.0	.0	.0	.0	9.9	7.9					
ENE	.3	1.7	2.3	.6	.2	.0	.0	.0	.0	.0	.0	5.2	7.6					
E	.7	3.2	1.9	.5	.0	.0	.0	.0	.0	.0	.0	6.3	6.3					
ESE	.6	2.1	1.5	.6	.0	.0	.0	.0	.0	.0	.0	4.8	6.7					
SE	.6	1.7	2.1	1.7	.1	.0	.0	.0	.0	.0	.0	6.1	8.5					
SSE	.2	.7	.6	.2	.1	.0	.0	.0	.0	.0	.0	1.7	6.9					
S	.3	.7	1.6	.5	.2	.0	.0	.0	.0	.0	.0	3.3	8.2					
SSW	.2	1.5	2.5	1.0	.0	.0	.0	.0	.0	.0	.0	5.2	8.2					
SW	.3	3.0	3.2	1.3	.2	.1	.0	.0	.0	.0	.0	8.1	8.2					
WSW	.3	1.7	2.1	.8	.1	.0	.0	.0	.0	.0	.0	5.0	7.7					
W	.7	1.7	1.0	.3	.0	.0	.0	.0	.0	.0	.0	3.7	6.2					
WNW	.7	2.1	2.1	.5	.1	.0	.0	.0	.0	.0	.0	5.6	6.8					
WW	.6	2.5	1.7	1.3	.4	.2	.1	.0	.0	.0	.0	6.7	8.6					
MNW	.6	1.8	1.7	.7	.2	.0	.0	.0	.0	.0	.0	5.2	8.3					
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	.0					
ALL	8.9	35.3	34.6	14.5	2.1	.8	.1	.0	.0	.0	.0	100.0	7.4					

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : SEP
 CLASS : ALL WEATHER HOUR : 1300 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

		SPEED (KNOTS)											TOTAL %		MEAN
16 PT. 1		1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56			WIND
DIR.															SPEED
N	1.8	4.0	3.7	1.1	.2	.0	.0	.0	.0	.0	.0	.0	11.0	6.9	
NNE	.6	4.8	4.2	1.0	.1	.0	.0	.0	.0	.0	.0	.0	10.6	7.1	
NE	.9	3.1	3.2	.4	.2	.2	.0	.0	.0	.0	.0	.0	7.9	7.3	
NNE	.5	1.7	1.9	.2	.2	.1	.0	.0	.0	.0	.0	.0	4.5	7.4	
E	1.0	1.6	1.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	4.1	6.5	
ESE	.5	2.8	2.2	.6	.1	.0	.0	.0	.0	.0	.0	.0	6.2	7.0	
SE	.7	3.7	5.7	4.1	.5	.0	.0	.0	.0	.0	.0	.0	14.7	9.0	
SSE	.4	2.5	2.1	1.1	.2	.0	.0	.0	.0	.0	.0	.0	6.3	8.0	
S	.4	1.6	2.1	1.4	.2	.0	.0	.0	.0	.0	.0	.0	5.6	8.6	
SSW	.3	1.1	1.7	1.2	.1	.0	.0	.0	.0	.0	.0	.0	4.4	8.7	
SW	.2	1.0	1.8	1.0	.2	.0	.0	.0	.0	.0	.0	.0	4.2	9.2	
WSW	.2	1.3	1.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	3.1	7.7	
W	.3	.8	.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	2.8	8.2	
WNW	.5	.8	.8	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.8	8.3	
W	.8	1.1	1.7	1.4	.5	.1	.1	.0	.0	.0	.0	.0	5.7	9.6	
WNW	.2	1.6	1.3	.9	.4	.0	.0	.0	.0	.0	.0	.0	4.4	8.7	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	.0	
ALL	9.3	33.4	35.3	16.7	3.3	.3	.1	.0	.0	.0	.0	.0	100.0	7.8	

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : SEP
 CLASS : ALL WEATHER HOUR : 1600 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	2	3	4	5	6		
N	1.3	2.8	3.0	1.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	7.1
NNE	.9	4.3	2.6	.7	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.8	7.0
NE	1.1	2.9	1.7	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	7.0
ENE	.6	1.4	1.2	.8	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	8.0
E	.6	1.7	1.0	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.9
ESE	.7	1.3	.6	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	7.2
SE	.9	3.8	6.9	3.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.2	8.6
SSE	.6	4.0	6.7	3.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.7	8.5
S	.0	2.3	2.4	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	8.3
SSW	.2	1.0	1.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	7.7
SW	.2	1.0	1.0	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	8.3
WSW	.3	1.7	1.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	7.0
W	.5	1.0	1.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	6.8
WNW	.3	1.0	1.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	7.1
NW	.2	1.3	1.5	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	8.7
NNW	.5	1.9	1.1	1.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	8.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	.0
ALL	8.8	33.3	34.1	16.7	2.2	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	7.5

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

PERIOD OF RECORD : 1945-1986 MONTH : SEP

CLASS : ALL WEATHER HOUR : 1900 LST

CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN
												%	WIND SPEED
N	1.4	2.1	1.3	.9	.1	.0	.0	.0	.0	.0	.0	5.7	6.6
NNE	1.1	1.4	1.2	.2	.2	.0	.1	.0	.0	.0	.0	4.3	7.3
NE	1.0	1.4	1.2	1.3	.3	.1	.0	.0	.0	.0	.0	5.2	8.4
ENE	.4	1.0	1.4	.8	.0	.0	.0	.1	.0	.0	.0	3.7	8.6
E	.5	1.5	2.9	.6	.2	.0	.0	.0	.0	.0	.0	5.6	7.9
ESE	.4	.4	.6	.7	.2	.0	.0	.0	.0	.0	.0	2.2	9.0
SE	.4	1.2	1.3	.9	.3	.0	.0	.0	.0	.0	.0	4.1	8.7
SSE	2.0	4.4	2.9	.7	.0	.0	.0	.0	.0	.0	.0	9.9	6.1
S	4.6	8.5	5.2	1.4	.1	.0	.0	.0	.0	.0	.0	19.7	5.8
SSW	1.1	2.5	1.4	.4	.1	.0	.0	.0	.0	.0	.0	5.5	6.0
SW	1.3	1.4	.7	.3	.1	.0	.0	.0	.0	.0	.0	3.7	5.8
WSW	.8	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.8	4.5
W	1.0	1.9	.5	.1	.0	.0	.0	.0	.0	.0	.0	3.4	4.7
WNW	.9	.7	.6	.2	.0	.0	.0	.0	.0	.0	.0	2.4	5.5
NW	.5	.7	.8	.4	.3	.0	.0	.0	.0	.0	.0	2.7	8.4
NNW	1.4	2.4	1.4	1.0	.2	.0	.0	.0	.0	.0	.0	6.2	6.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.8	.0
ALL	18.5	32.2	23.2	9.9	1.9	.2	.1	.1	.0	.0	.0	100.0	5.7

TOTAL NO. OF OBS : 1258

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : SEP
 CLASS : ALL WEATHER HOUR : 2200 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.		SPEED (KNOTS)																TOTAL		MEAN	
		1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	WIND	SPEED						
N	.9	1.0	1.9	.5	.2	.0	.0	.0	.0	.0	.0	4.5	7.4								
NNE	.4	.6	1.0	.9	.4	.0	.0	.0	.0	.0	.0	3.3	9.7								
NE	.4	1.1	1.9	1.8	.4	.2	.0	.0	.0	.0	.0	5.8	9.9								
ENE	.6	1.6	2.1	.5	.0	.1	.0	.0	.0	.0	.0	4.8	7.7								
E	.2	2.2	2.1	.3	.1	.0	.0	.0	.0	.0	.0	5.0	7.5								
ESE	.5	1.7	2.0	.6	.1	.0	.0	.0	.0	.0	.0	4.8	7.1								
SE	.2	1.4	1.4	1.0	.2	.0	.0	.0	.0	.0	.0	4.3	8.9								
SSE	1.0	2.0	1.1	.2	.1	.1	.0	.0	.0	.0	.0	4.4	6.2								
S	2.9	6.6	4.4	.7	.2	.0	.0	.0	.0	.0	.0	14.8	6.1								
SSW	1.2	3.6	3.2	1.1	.1	.0	.0	.0	.0	.0	.0	9.1	6.8								
SW	1.8	2.4	2.7	1.0	.0	.0	.0	.0	.0	.0	.0	7.9	6.8								
WSW	.8	1.5	1.0	.2	.0	.0	.0	.0	.0	.0	.0	3.5	5.9								
W	1.2	2.0	.5	.2	.0	.0	.0	.0	.0	.0	.0	3.8	4.8								
WNW	.6	1.0	1.0	.1	.1	.0	.0	.0	.0	.0	.0	2.6	6.6								
NW	1.6	1.4	.6	.6	.1	.2	.0	.0	.0	.0	.0	4.4	6.7								
NNW	1.0	1.4	1.2	.8	.3	.0	.0	.0	.0	.0	.0	4.6	7.9								
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0								
CLW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.4	.0								
ALL	15.2	31.3	28.0	10.4	2.1	.5	.0	.1	.0	.0	.0	100.0	6.2								

TOTAL NO. OF OBS : 1258

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : SEP
 CLASS : ALL WEATHER HOUR : ALL
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT.	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL	MEAN
DIR.	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	WIND SPEED
N	1.1	1.9	2.1	.9	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	6.2	7.4
NNE	.6	2.4	2.3	1.0	.3	.1	.0*	.0	.0	.0	.0	.0	.0	6.7	8.0
NE	.8	2.5	2.8	1.4	.3	.1	.0*	.0	.0	.0	.0	.0	.0	7.9	8.4
ENE	.6	1.6	1.7	.6	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	4.6	7.5
E	.7	2.0	1.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.7	6.7
ESE	.5	1.3	1.1	.5	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	3.4	7.2
SE	.5	1.7	2.5	1.6	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	6.5	8.7
SSE	.7	2.0	1.9	.7	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	5.4	7.2
S	1.5	3.3	2.5	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	8.1	6.5
SSW	.9	2.3	2.3	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.5	7.2
SW	.9	2.3	2.3	1.0	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	6.7	7.4
WSW	.7	1.6	1.2	.4	.0*	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.4
W	1.3	2.0	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	5.3
WNW	1.1	1.6	1.1	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.2
NW	1.1	1.8	1.5	.9	.3	.1	.0*	.0	.0	.0	.0	.0	.0	5.6	7.8
NNW	.9	1.9	1.5	.9	.3	.0*	.0*	.0	.0	.0	.0	.0	.0	5.5	7.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3	.0
ALL	13.8	32.2	29.3	12.5	2.2	.5	.1	.0*	.0	.0	.0	.0	.0	100.0	6.6

TOTAL NO. OF OBS : 10075

NOTES :
 * = PERCENT < .05

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : SEP
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	20.8	54.7	59.0	61.3	62.6	62.7	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2
>=20000	21.1	56.6	61.3	63.9	65.2	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9
>=18000	21.1	56.6	61.3	63.9	65.2	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9
>=16000	21.1	56.6	61.3	63.9	65.2	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9
>=14000	21.1	57.0	61.8	64.3	65.6	65.8	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3
>=12000	21.5	58.0	62.8	65.3	66.7	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4
>=10000	22.4	61.3	66.4	69.1	70.8	71.2	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7
>= 9000	22.7	61.8	66.9	69.7	71.4	71.7	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3
>= 8000	22.9	64.7	70.2	73.3	75.0	75.3	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
>= 7000	23.3	65.7	71.3	74.4	76.1	76.4	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1
>= 6000	23.6	66.1	71.7	74.4	76.5	76.8	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5
>= 5000	23.7	67.1	73.0	76.4	78.1	78.4	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1
>= 4500	23.7	67.7	73.6	77.0	78.7	79.0	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7
>= 4000	24.1	69.0	75.0	78.5	80.3	80.6	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3
>= 3500	24.3	69.5	75.6	79.2	81.0	81.3	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9
>= 3000	24.3	71.6	78.3	82.2	84.0	84.4	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0
>= 2500	24.5	72.3	79.1	83.1	84.9	85.4	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
>= 2000	24.6	73.5	80.5	84.8	86.8	87.3	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0
>= 1800	24.7	73.8	80.8	85.3	87.2	87.7	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4
>= 1500	24.9	75.2	82.4	87.0	89.1	89.5	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.6
>= 1200	25.0	75.9	83.1	87.7	90.0	90.5	91.2	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
>= 1000	25.0	76.4	84.0	88.9	91.4	92.1	92.9	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
>= 900	25.0	76.7	84.4	89.5	92.0	92.6	93.4	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.1
>= 800	25.0	77.1	84.9	90.2	92.8	93.4	94.4	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.1
>= 700	25.0	77.4	85.4	90.7	93.4	94.2	95.4	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0
>= 600	25.1	78.0	86.1	91.8	94.7	95.5	96.8	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5
>= 500	25.1	78.0	86.1	92.1	95.1	95.8	97.2	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.1
>= 400	25.1	78.4	86.5	92.8	96.1	96.8	98.4	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.3
>= 300	25.1	78.5	86.6	92.9	96.3	97.0	98.6	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6
>= 200	25.1	78.5	86.6	92.9	96.4	97.1	98.8	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
>= 100	25.1	78.5	86.6	92.9	96.4	97.1	98.8	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	100.0
>= 0	25.1	78.5	86.6	92.9	96.4	97.1	98.8	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NO. OF OBS : 1234

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : SEP
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2 1/2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	17.7	51.5	57.2	59.8	61.2	61.5	62.0	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.6	62.7
>=20000	17.7	52.5	58.6	61.4	63.2	63.5	64.3	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.9
>=18000	17.7	52.6	58.7	61.5	63.3	63.6	64.4	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.9	65.0
>=16000	17.8	52.8	59.0	61.7	63.5	63.9	64.6	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.2	65.2
>=14000	18.3	54.0	60.2	62.9	64.8	65.1	65.8	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.5	66.5
>=12000	18.9	57.6	64.4	67.6	69.5	69.9	70.7	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.4	71.5
>=10000	19.0	58.1	65.0	68.1	70.2	70.6	71.5	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.1	72.2
>=9000	19.2	60.6	68.0	71.3	73.5	74.0	74.8	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.4	75.5
>=8000	19.4	61.6	69.0	72.3	74.7	75.1	75.9	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.6
>=7000	19.5	62.3	69.6	73.0	75.3	75.7	76.5	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.2	77.3
>=6000	19.8	63.2	70.6	74.1	76.5	76.9	77.7	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.4	78.5
>=5000	20.0	63.7	71.1	74.6	77.0	77.4	78.2	78.5	78.5	78.8	78.8	78.8	78.8	78.8	78.9	79.0
>=4000	20.3	64.7	72.2	75.7	78.2	78.6	79.4	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.1	80.2
>=3500	20.4	65.6	73.1	76.9	79.4	79.8	80.6	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.3	81.4
>=3000	20.5	67.5	75.7	79.8	82.4	82.9	83.7	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.4	84.4
>=2500	20.8	68.8	77.2	81.3	83.9	84.4	85.2	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.8	85.9
>=2000	21.2	70.3	79.0	83.2	85.9	86.5	87.4	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.1	88.1
>=1800	21.2	70.5	79.1	83.5	86.2	86.8	87.7	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.4	88.5
>=1500	21.2	71.3	80.4	85.2	88.0	88.5	89.5	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.3	90.4
>=1200	21.2	71.7	80.9	85.8	88.7	89.4	90.3	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.1	91.2
>=1000	21.3	72.3	81.6	86.8	89.8	90.5	91.5	91.9	91.9	92.3	92.4	92.4	92.4	92.4	92.5	92.6
>=900	21.4	72.5	81.9	87.0	90.2	90.9	92.1	92.5	92.5	92.9	93.0	93.0	93.0	93.0	93.1	93.1
>=800	21.4	72.7	82.3	87.6	91.3	92.0	93.5	93.9	93.9	94.3	94.4	94.4	94.4	94.4	94.4	94.5
>=700	21.4	73.1	83.1	88.5	92.4	93.1	94.6	95.0	95.0	95.5	95.6	95.6	95.6	95.6	95.6	95.7
>=600	21.4	73.4	83.5	89.3	93.4	94.2	95.8	96.2	96.2	96.7	96.8	96.8	96.8	96.8	96.9	96.9
>=500	21.4	73.7	84.0	89.8	94.0	94.8	96.7	97.1	97.1	97.7	97.8	97.8	97.8	97.8	97.9	98.0
>=400	21.4	73.9	84.4	90.4	94.8	95.6	97.5	97.9	97.9	98.6	98.8	98.8	98.8	98.8	98.9	99.0
>=300	21.4	74.1	84.6	90.6	95.4	96.2	98.1	98.5	98.5	99.3	99.5	99.5	99.5	99.5	99.6	99.7
>=200	21.4	74.1	84.6	90.6	95.4	96.2	98.1	98.5	98.5	99.3	99.5	99.5	99.5	99.5	99.6	99.7
>=100	21.4	74.1	84.6	90.6	95.4	96.2	98.1	98.5	98.5	99.3	99.5	99.5	99.5	99.5	99.6	99.8
>=0	21.4	74.1	84.6	90.6	95.4	96.2	98.1	98.5	98.5	99.3	99.5	99.5	99.5	99.5	99.6	100.0

TOTAL NO. OF OBS : 1240

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : SEP
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	17.6	42.4	46.5	49.8	51.5	51.8	53.0	53.3	53.3	53.5	53.5	53.5	53.6	53.6	53.6	53.7
>=20000	18.0	44.4	49.0	52.5	54.6	55.1	56.5	56.9	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.3
>=18000	18.0	44.6	49.3	52.8	55.0	55.4	56.8	57.2	57.2	57.5	57.5	57.5	57.6	57.6	57.6	57.6
>=16000	18.3	44.8	49.5	53.1	55.2	55.7	57.1	57.5	57.5	57.7	57.7	57.7	57.8	57.8	57.8	57.9
>=14000	18.5	45.4	50.1	53.7	55.9	56.3	57.8	58.2	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.6
>=12000	19.2	46.9	51.8	55.4	57.7	58.3	59.8	60.2	60.2	60.4	60.4	60.4	60.5	60.5	60.5	60.6
>=10000	19.8	50.2	55.9	59.7	62.0	62.7	64.4	64.9	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.3
>= 9000	19.9	50.5	56.1	59.9	62.4	63.2	64.9	65.4	65.4	65.6	65.6	65.6	65.7	65.7	65.7	65.8
>= 8000	20.3	54.3	60.5	64.7	67.3	68.1	69.8	70.3	70.3	70.6	70.6	70.6	70.7	70.7	70.7	70.7
>= 7000	21.0	55.9	62.1	66.3	69.0	69.8	71.5	72.0	72.0	72.3	72.3	72.3	72.4	72.4	72.4	72.4
>= 6000	21.4	56.8	63.3	67.6	70.2	71.1	72.8	73.3	73.3	73.6	73.6	73.6	73.7	73.7	73.7	73.7
>= 5000	21.5	57.9	64.5	68.9	71.8	72.6	74.4	74.9	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.3
>= 4500	21.9	58.6	65.4	69.8	72.7	73.5	75.3	75.8	75.8	76.0	76.0	76.0	76.1	76.1	76.1	76.2
>= 4000	22.0	59.5	66.3	70.7	73.8	74.7	76.6	77.1	77.1	77.3	77.3	77.3	77.4	77.4	77.4	77.5
>= 3500	22.0	60.0	67.0	71.5	74.7	75.6	77.5	78.0	78.0	78.2	78.2	78.2	78.3	78.3	78.3	78.4
>= 3000	22.4	61.1	68.7	73.4	76.7	77.7	79.8	80.4	80.4	80.7	80.7	80.7	80.8	80.8	80.8	80.9
>= 2500	22.8	62.0	69.9	74.8	78.4	79.3	81.5	82.0	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.5
>= 2000	23.4	64.0	71.9	76.8	80.6	81.5	83.7	84.2	84.2	84.6	84.6	84.6	84.7	84.7	84.7	84.8
>= 1800	23.4	64.1	72.0	77.0	80.9	81.9	84.0	84.6	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.1
>= 1500	23.5	64.8	73.0	78.1	82.2	83.3	85.4	86.2	86.2	86.5	86.6	86.6	86.7	86.7	86.7	86.7
>= 1200	23.7	65.4	73.8	79.0	83.2	84.3	86.4	87.2	87.2	87.5	87.6	87.6	87.6	87.6	87.6	87.7
>= 1000	24.0	66.5	75.3	80.8	85.1	86.4	88.6	89.3	89.3	89.8	89.9	89.9	90.0	90.0	90.0	90.1
>= 900	24.1	66.8	75.7	81.2	85.7	87.1	89.3	90.0	90.0	90.5	90.7	90.7	90.7	90.7	90.7	90.8
>= 800	24.1	67.7	76.7	82.4	87.1	88.5	90.8	91.7	91.7	92.2	92.4	92.4	92.4	92.4	92.4	92.5
>= 700	24.2	68.1	77.2	83.2	88.2	89.8	92.2	93.2	93.2	93.8	94.0	94.0	94.1	94.1	94.1	94.1
>= 600	24.2	68.7	78.0	84.2	89.4	91.1	93.5	94.6	94.6	95.3	95.4	95.4	95.5	95.5	95.5	95.7
>= 500	24.3	69.0	78.6	85.2	90.6	92.4	95.4	96.4	96.4	97.2	97.4	97.4	97.5	97.5	97.5	97.6
>= 400	24.3	69.0	78.7	85.3	90.7	92.7	95.7	96.8	96.8	97.8	98.0	98.0	98.1	98.1	98.2	98.3
>= 300	24.3	69.3	79.0	85.6	91.1	93.1	96.2	97.6	97.6	98.5	98.8	98.8	99.0	99.0	99.1	99.2
>= 200	24.3	69.3	79.0	85.6	91.2	93.2	96.4	97.8	97.8	98.9	99.3	99.3	99.5	99.5	99.5	99.7
>= 100	24.3	69.3	79.0	85.6	91.2	93.2	96.4	97.8	97.8	98.9	99.3	99.3	99.5	99.5	99.7	99.8
>= 0	24.3	69.3	79.0	85.6	91.2	93.2	96.4	97.8	97.8	98.9	99.3	99.3	99.5	99.5	99.7	100.0

TOTAL NO. OF OBS : 1230

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : SEP
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0	>=0	>=0
UNLIMITED	23.8	49.1	52.4	53.7	55.2	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
>=20000	25.1	53.1	56.7	58.1	59.8	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
>=18000	25.2	53.3	56.9	58.3	60.0	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
>=16000	25.2	53.4	57.1	58.5	60.2	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
>=14000	25.4	54.1	57.7	59.2	60.9	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
>=12000	26.1	55.7	59.4	61.0	62.8	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
>=10000	26.7	58.4	62.6	64.5	66.5	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
>= 9000	26.8	58.6	62.8	64.8	66.8	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
>= 8000	27.4	61.6	66.3	68.5	70.7	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
>= 7000	27.6	62.3	67.0	69.3	71.5	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
>= 6000	27.8	62.7	67.4	69.8	72.0	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
>= 5000	28.0	63.3	68.2	70.7	72.9	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
>= 4500	28.2	64.1	69.0	71.5	73.8	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
>= 4000	28.5	65.0	70.1	72.5	75.1	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
>= 3500	28.8	65.7	70.8	73.3	75.9	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
>= 3000	29.5	67.9	73.4	76.0	78.9	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
>= 2500	30.3	69.8	75.5	78.2	81.1	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
>= 2000	31.1	71.5	77.5	80.2	83.3	84.4	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
>= 1800	31.3	72.0	78.1	80.9	83.9	85.0	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
>= 1500	31.7	74.2	80.6	84.0	87.2	88.4	88.7	88.8	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1
>= 1200	32.0	75.4	82.0	85.6	88.9	90.1	90.4	90.5	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.8
>= 1000	32.1	76.6	83.3	87.0	90.7	92.0	92.4	92.4	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8
>= 900	32.1	76.8	83.6	87.6	91.5	93.1	93.5	93.6	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0
>= 800	32.3	77.8	84.7	88.9	93.2	94.9	95.3	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9
>= 700	32.4	78.2	85.3	89.7	94.2	96.0	96.4	96.7	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1
>= 600	32.4	78.4	85.5	90.0	94.6	96.7	97.2	97.7	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1
>= 500	32.4	78.5	85.8	90.4	95.3	97.5	98.0	98.7	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1
>= 400	32.4	78.5	85.8	90.4	95.4	97.6	98.2	98.9	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5
>= 300	32.4	78.5	85.9	90.6	95.7	98.0	98.6	99.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9
>= 200	32.4	78.5	85.9	90.6	95.7	98.0	98.6	99.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9
>= 100	32.4	78.5	85.9	90.6	95.7	98.0	98.6	99.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9
>= 0	32.4	78.5	85.9	90.6	95.7	98.0	98.6	99.3	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NO. OF OBS : 1230

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : SEP
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.6	50.2	53.1	54.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
>=20000	26.7	54.5	57.8	59.9	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
>=18000	26.9	54.8	58.1	60.1	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
>=16000	27.1	55.1	58.4	60.4	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
>=14000	27.6	55.7	59.0	61.0	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
>=12000	28.1	57.2	60.8	62.9	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
>=10000	29.1	60.3	64.3	66.8	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
>= 9000	29.2	60.7	64.7	67.1	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
>= 8000	29.4	62.8	67.2	69.7	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
>= 7000	29.7	63.5	68.0	70.6	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
>= 6000	29.9	64.2	68.7	71.4	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
>= 5000	30.1	65.1	69.6	72.3	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
>= 4500	30.3	65.8	70.3	73.2	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
>= 4000	31.2	67.5	72.0	75.0	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
>= 3500	31.5	68.2	72.8	75.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
>= 3000	32.6	71.6	76.7	80.0	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
>= 2500	33.9	74.0	79.5	82.8	85.2	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
>= 2000	35.4	77.1	82.8	86.5	89.0	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
>= 1800	35.5	77.6	83.3	87.0	89.5	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
>= 1500	36.0	79.1	85.4	89.1	91.7	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
>= 1200	36.1	79.7	86.2	90.1	92.8	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
>= 1000	36.2	80.3	87.1	91.5	94.4	95.1	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
>= 900	36.2	80.3	87.2	91.7	94.6	95.5	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
>= 800	36.2	80.5	87.9	92.6	95.7	96.6	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
>= 700	36.2	80.7	88.1	92.9	96.0	97.1	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
>= 600	36.2	80.7	88.3	93.2	96.3	97.5	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
>= 500	36.2	80.7	88.3	93.3	96.6	97.9	98.9	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
>= 400	36.2	80.7	88.3	93.3	96.6	98.0	99.0	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
>= 300	36.2	80.8	88.4	93.4	96.7	98.0	99.1	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
>= 200	36.2	80.8	88.4	93.4	96.7	98.0	99.1	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
>= 100	36.2	80.8	88.4	93.4	96.7	98.0	99.1	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
>= 0	36.2	80.8	88.4	93.4	96.7	98.0	99.1	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1223

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD

PERIOD OF RECORD : 1945-1986

CLASS : ALL WEATHER

CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

MONTH : SEP

HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.1	50.3	54.1	55.7	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
>=20000	26.4	55.4	60.0	61.8	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
>=18000	26.6	55.8	60.3	62.2	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
>=16000	26.7	55.9	60.4	62.2	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
>=14000	26.9	56.6	61.2	63.1	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
>=12000	28.2	58.6	63.3	65.2	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
>=10000	29.0	61.9	66.7	68.6	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
>= 9000	29.1	62.1	66.9	69.0	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
>= 8000	29.9	65.4	70.8	73.1	74.9	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
>= 7000	30.0	66.2	71.7	74.0	75.8	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
>= 6000	30.1	66.9	72.6	74.9	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
>= 5000	30.3	67.9	73.6	76.0	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
>= 4500	30.4	68.6	74.4	76.7	78.6	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
>= 4000	31.4	70.9	76.9	79.4	81.3	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
>= 3500	32.0	71.9	78.1	80.5	82.5	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
>= 3000	33.3	75.1	81.7	84.7	86.7	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
>= 2500	33.6	76.3	83.1	86.4	88.6	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
>= 2000	34.6	78.3	85.6	88.9	91.5	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
>= 1800	34.7	78.7	86.0	89.4	91.9	92.2	92.5	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
>= 1500	34.8	79.4	86.9	90.6	93.1	93.4	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
>= 1200	34.8	79.8	87.2	91.2	93.8	94.1	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
>= 1000	34.9	80.5	88.0	92.2	95.2	95.6	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
>= 900	34.9	80.8	88.4	92.7	95.7	96.2	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>= 800	35.0	81.0	88.6	93.1	96.3	96.7	97.5	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>= 700	35.1	81.2	88.9	93.4	96.6	97.1	97.9	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
>= 600	35.1	81.2	88.9	93.6	96.9	97.4	98.3	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
>= 500	35.1	81.3	89.1	93.9	97.1	97.7	98.8	99.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
>= 400	35.1	81.3	89.1	94.0	97.3	97.9	99.0	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
>= 300	35.1	81.3	89.1	94.0	97.3	97.9	99.0	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
>= 200	35.1	81.3	89.1	94.0	97.3	97.9	99.0	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
>= 100	35.1	81.3	89.1	94.0	97.3	97.9	99.0	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
>= 0	35.1	81.3	89.1	94.0	97.3	97.9	99.0	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NO. OF OBS : 1221

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD

PERIOD OF RECORD : 1945-1986

CLASS : ALL WEATHER

CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

MONTH : SEP

HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMITED	23.5	51.4	54.8	56.4	57.7	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
>=20000	24.2	55.4	59.6	61.8	63.3	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
>=18000	24.4	55.5	59.7	61.9	63.5	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
>=16000	24.4	55.7	59.9	62.1	63.7	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
>=14000	24.9	56.6	60.8	63.0	64.6	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
>=12000	25.5	57.8	62.0	64.2	65.8	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
>=10000	26.6	61.9	66.4	68.7	70.5	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
>= 9000	26.7	62.4	67.0	69.5	71.3	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
>= 8000	27.2	65.7	71.1	74.0	76.0	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
>= 7000	27.6	66.3	71.9	74.7	76.7	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
>= 6000	27.6	66.6	72.2	75.1	77.0	77.3	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
>= 5000	27.9	67.6	73.3	76.1	78.2	78.4	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
>= 4500	28.0	68.4	74.1	76.9	79.0	79.2	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
>= 4000	28.5	70.1	76.0	78.9	81.0	81.2	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
>= 3500	28.7	71.0	76.9	79.9	82.0	82.3	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
>= 3000	29.0	72.8	79.6	82.9	85.4	85.7	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
>= 2500	29.1	74.0	81.1	84.6	87.2	87.5	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5
>= 2000	29.3	75.8	83.3	87.0	89.9	90.2	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3
>= 1800	29.4	76.1	83.8	87.4	90.3	90.6	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
>= 1500	29.4	76.9	85.2	89.2	92.3	92.7	93.5	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
>= 1200	29.5	77.5	85.7	89.9	93.1	93.6	94.4	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
>= 1000	29.5	78.0	86.3	90.6	94.0	94.6	95.5	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
>= 900	29.5	78.3	86.6	91.0	94.4	95.0	95.9	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5
>= 800	29.5	78.5	86.9	91.3	94.9	95.5	96.4	96.6	96.6	96.9	97.0	97.0	97.0	97.0	97.0
>= 700	29.5	78.7	87.0	91.6	95.3	95.9	97.0	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7
>= 600	29.5	78.8	87.4	92.0	95.7	96.3	97.5	97.9	97.9	98.2	98.3	98.3	98.3	98.3	98.3
>= 500	29.5	78.9	87.4	92.1	96.0	96.7	98.0	98.6	98.6	98.9	99.0	99.0	99.0	99.0	99.0
>= 400	29.5	79.1	87.7	92.5	96.3	97.1	98.5	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5
>= 300	29.5	79.1	87.7	92.5	96.3	97.1	98.6	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6
>= 200	29.5	79.1	87.8	92.5	96.4	97.2	98.7	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7
>= 100	29.5	79.1	87.8	92.5	96.4	97.2	98.7	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7
>= 0	29.5	79.1	87.8	92.5	96.4	97.2	98.7	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7

TOTAL NO. OF OBS : 1219

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : SEP
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	23.2	55.1	58.5	60.4	61.6	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
>=20000	23.7	58.2	62.3	64.7	66.2	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>=18000	23.7	58.2	62.3	64.7	66.2	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>=16000	23.7	58.2	62.4	64.8	66.2	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>=14000	24.0	58.6	62.8	65.2	66.6	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
>=12000	24.3	59.5	63.7	66.2	67.6	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
>=10000	25.3	62.6	67.2	69.9	71.7	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
>= 9000	25.4	63.0	67.7	70.4	72.2	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
>= 8000	25.7	66.1	71.3	74.1	76.1	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
>= 7000	25.8	66.7	71.9	74.8	76.8	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
>= 6000	25.9	67.0	72.3	75.1	77.2	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
>= 5000	26.2	68.4	73.7	76.7	78.7	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
>= 4500	26.3	69.2	74.5	77.6	79.6	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
>= 4000	26.6	70.6	75.9	79.1	81.2	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
>= 3500	26.8	71.7	77.3	80.6	82.7	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
>= 3000	27.2	73.9	80.3	83.6	86.1	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
>= 2500	27.2	75.0	81.4	85.0	87.4	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
>= 2000	27.2	76.0	82.6	86.4	89.0	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
>= 1800	27.3	76.3	82.9	86.7	89.3	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
>= 1500	27.4	76.8	84.0	88.2	90.9	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
>= 1200	27.4	77.5	84.9	89.1	91.9	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
>= 1000	27.4	78.2	86.0	90.3	93.2	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
>= 900	27.4	78.6	86.5	90.9	93.9	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
>= 800	27.5	79.0	87.2	91.9	95.2	95.8	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
>= 700	27.6	79.4	87.7	92.5	96.1	96.7	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
>= 600	27.6	79.5	87.8	92.8	96.4	97.1	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
>= 500	27.6	79.6	87.9	93.1	96.8	97.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
>= 400	27.6	79.8	88.2	93.6	97.3	98.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
>= 300	27.6	79.9	88.3	93.8	97.5	98.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>= 200	27.6	79.9	88.3	93.8	97.6	98.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>= 100	27.6	79.9	88.3	93.8	97.6	98.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>= 0	27.6	79.9	88.3	93.8	97.6	98.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NO. OF OPS : 1226

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : SEP
HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1/2	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.2	50.6	54.5	56.5	57.8	58.0	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6
>=20000	22.9	53.8	58.2	60.5	62.1	62.4	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
>=18000	22.9	53.9	58.3	60.7	62.3	62.5	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
>=16000	23.0	54.0	58.5	60.8	62.4	62.7	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3
>=14000	23.3	54.6	59.0	61.4	63.0	63.3	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9
>=12000	23.9	56.0	60.5	62.9	64.5	64.8	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4
>=10000	24.7	59.3	64.2	66.9	68.7	69.1	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8
>=9000	24.8	59.6	64.6	67.3	69.2	69.6	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3
>=8000	25.2	62.7	68.2	71.1	73.1	73.5	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3
>=7000	25.5	63.5	69.1	72.1	74.1	74.5	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
>=6000	25.7	64.1	69.7	72.7	74.8	75.2	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0
>=5000	25.9	65.1	70.8	73.9	76.0	76.5	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2
>=4500	26.1	65.8	71.5	74.7	76.8	77.2	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0
>=4000	26.6	67.1	73.0	76.2	78.5	78.9	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7
>=3500	27.3	70.2	76.8	80.3	82.8	83.3	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2
>=3000	27.8	71.5	78.3	82.0	84.6	85.2	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1
>=2500	28.3	73.3	80.4	84.2	87.0	87.6	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
>=2000	28.4	73.6	80.7	84.6	87.4	88.0	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0
>=1800	28.6	74.7	82.2	86.4	89.3	90.0	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0
>=1500	28.7	75.4	83.0	87.3	90.3	91.0	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1
>=1200	28.7	75.4	83.0	87.3	90.3	91.0	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1
>=1000	28.8	76.1	83.9	88.5	91.7	92.5	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7
>=900	28.8	76.4	84.3	88.9	92.2	93.1	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4
>=800	28.9	76.8	84.9	89.8	93.3	94.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6
>=700	28.9	77.1	85.3	90.3	94.0	95.0	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5
>=600	28.9	77.3	85.7	90.9	94.7	95.7	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
>=500	28.9	77.5	85.9	91.2	95.2	96.3	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
>=400	28.9	77.6	86.1	91.5	95.6	96.7	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
>=300	28.9	77.7	86.2	91.7	95.8	96.9	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
>=200	28.9	77.7	86.2	91.7	95.8	97.0	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
>=100	28.9	77.7	86.2	91.7	95.8	97.0	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
>=0	28.9	77.7	86.2	91.7	95.8	97.0	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2

TOTAL NO. OF OBS : 9823

1 - SURFACE WINDS

013721 : PATUXENT RIVER. MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : CCY
 CLASS : ALL WEATHER HOUR : C100 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL %	MEAN WIND SPEED
N	.6	.8	1.5	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	7.9
NNE	.5	1.4	2.0	1.0	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	9.5
NE	.8	1.3	2.1	1.1	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	9.1
ENE	.2	1.5	2.2	.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	8.2
E	.5	.9	1.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.5
ESE	.5	.8	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	6.2
SE	.3	1.0	.6	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	7.0
SSE	.3	.6	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	6.2
S	1.4	2.7	1.8	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	6.5
SSW	1.2	2.2	2.8	1.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	7.3
SW	1.4	2.4	2.5	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	7.2
WSW	.5	1.3	1.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	7.1
W	1.2	2.5	1.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	5.8
WNW	.8	3.7	1.8	1.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	7.5	7.4
NW	1.3	2.5	1.8	1.3	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	8.0	8.9
NNW	.7	1.6	2.2	1.8	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	7.1	9.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.6	.0
ALL	12.4	27.4	27.5	12.7	3.3	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	100.0	6.5

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : OCT
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS)										TOTAL		MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	WIND
N	.5	2.0	2.2	.8	.2	.2	.1	.0	.0	.0	.0	5.8	8.6
NNE	.5	1.5	1.8	1.7	.4	.2	.0	.0	.0	.0	.0	6.2	9.6
NE	.5	1.5	2.6	1.5	.4	.1	.0	.0	.0	.0	.0	6.6	9.2
ENE	.6	1.3	2.3	.9	.0	.0	.0	.0	.0	.0	.0	5.1	7.6
E	.6	1.0	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.2	5.6
ESE	.2	.3	.2	.5	.0	.0	.0	.0	.0	.0	.0	1.2	8.1
SE	.2	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	1.4	6.4
SSE	.5	.3	.5	.5	.0	.0	.0	.0	.0	.0	.0	1.8	7.4
S	1.4	1.7	1.1	.5	.0	.0	.0	.0	.0	.0	.0	4.7	6.1
SSW	1.1	2.2	2.8	.5	.0	.0	.0	.0	.0	.0	.0	6.5	6.5
SW	.9	2.4	2.9	1.8	.2	.0	.0	.0	.0	.0	.0	8.2	7.9
WSW	1.2	1.5	1.3	.4	.0	.0	.0	.0	.0	.0	.0	4.3	6.0
W	1.8	3.5	1.2	.2	.2	.0	.0	.0	.0	.0	.0	6.8	5.7
WNW	1.5	2.7	1.8	.8	.4	.2	.0	.0	.0	.0	.0	7.3	7.3
NW	1.6	2.8	2.0	2.2	.3	.2	.1	.0	.0	.0	.0	9.1	8.4
NNW	1.2	2.2	2.1	1.5	.8	.0	.0	.0	.0	.0	.0	7.7	8.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.0	.0
ALL	14.3	27.4	25.5	13.8	2.9	.8	.2	.0	.0	.0	.0	100.0	6.5

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED
 LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : OCT
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

		SPEED (KNOTS)										TOTAL	
16 PT. 1		1-31	4-61	7-101	11-161	17-211	22-271	28-331	34-401	41-471	48-551	>561	MEAN
DIR.													WIND
N	.7	2.4	2.5	.8	.1	.2	.2	.0	.0	.0	.0	6.8	8.3
NNE	.2	1.3	2.6	1.9	.7	.0	.0	.0	.0	.0	.0	6.7	10.0
NE	.5	2.3	2.1	1.7	.8	.2	.0	.0	.0	.0	.0	7.5	9.5
ENE	.4	1.3	2.0	.9	.1	.0	.0	.0	.0	.0	.0	4.7	8.1
E	.6	1.7	.8	.2	.0	.0	.0	.0	.0	.0	.0	3.3	6.0
ESE	.2	.5	.4	.1	.1	.0	.0	.0	.0	.0	.0	1.3	6.6
SE	.1	.5	.8	.2	.0	.0	.0	.0	.0	.0	.0	1.6	7.7
SSE	.5	1.0	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.3	6.0
S	.4	1.4	1.2	.2	.0	.0	.0	.0	.0	.0	.0	3.1	6.4
SSW	.9	2.0	1.5	.6	.0	.1	.0	.0	.0	.0	.0	5.1	6.8
SW	.9	2.5	2.7	1.5	.1	.0	.0	.0	.0	.0	.0	7.7	7.7
WSW	1.5	1.8	1.5	.2	.0	.0	.0	.0	.0	.0	.0	4.9	5.4
W	1.7	4.1	1.5	.5	.0	.0	.0	.0	.0	.0	.0	7.7	5.6
WNW	1.4	2.2	2.1	1.0	.4	.0	.0	.0	.0	.0	.0	7.0	7.5
NW	1.7	2.9	1.8	1.3	.6	.2	.1	.0	.0	.0	.0	8.5	8.0
NNW	.9	2.2	2.5	1.6	.4	.1	.0	.0	.0	.0	.0	7.7	8.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.0	.0
ALL	12.5	30.0	26.3	13.1	3.1	.8	.2	.0	.0	.0	.0	100.0	6.6

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : OCT
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT.	1 - 31	4 - 61	7-101	11-161	SPEED (KNOTS)							TOTAL %	MEAN WIND SPEED
					17-211	22-271	28-331	34-401	41-471	48-551	>561		
DIR.	1 - 31	4 - 61	7-101	11-161	17-211	22-271	28-331	34-401	41-471	48-551	>561	TOTAL %	MEAN WIND SPEED
N	1.3	2.2	3.4	1.9	.3	.0	.1	.0	.0	.0	.0	9.1	8.3
NNE	.2	3.0	4.5	2.2	.3	.2	.0	.0	.0	.0	.0	10.3	9.0
NE	.6	3.2	2.4	1.5	.2	.0	.0	.0	.0	.0	.0	7.9	7.7
ENE	.8	1.7	1.5	.3	.0	.1	.0	.0	.0	.0	.0	4.3	6.7
E	.5	1.8	1.5	.4	.1	.0	.0	.0	.0	.0	.0	4.2	6.6
ESE	.3	1.2	1.2	.3	.1	.0	.0	.1	.0	.0	.0	3.1	7.9
SE	.5	1.3	1.2	.4	.0	.0	.0	.0	.0	.0	.0	3.4	6.5
SSE	.3	.7	.6	.2	.0	.0	.0	.0	.0	.0	.0	1.8	6.8
S	.2	1.6	1.5	.9	.1	.0	.0	.0	.0	.0	.0	4.3	8.2
SSW	.8	1.8	1.6	.9	.2	.0	.0	.0	.0	.0	.0	5.2	7.4
SW	.2	1.4	2.7	1.9	.1	.2	.0	.0	.0	.0	.0	6.5	9.3
WSW	.6	2.4	1.7	1.0	.0	.0	.0	.0	.0	.0	.0	5.7	7.2
W	1.0	1.7	2.2	.6	.1	.0	.0	.0	.0	.0	.0	5.6	6.9
WNW	.7	1.7	1.5	1.6	.1	.0	.2	.0	.0	.0	.0	5.8	8.5
NW	.7	2.8	3.9	2.5	.6	.7	.0	.0	.0	.0	.0	11.2	10.1
NNW	.4	1.8	2.2	1.8	1.2	.1	.0	.0	.0	.0	.0	7.5	10.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	.0
ALL	9.0	30.1	33.6	18.6	3.1	1.2	.2	.1	.0	.0	.0	100.0	8.0

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : OCT
 CLASS : ALL WEATHER HOUR : 1300 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL	MEAN
												%	SPEED
N	.9	3.5	5.1	1.6	.6	.0	.0	.0	.0	.0	.0	11.8	8.3
NNE	.5	3.5	2.5	1.3	.2	.0	.0	.1	.0	.0	.0	8.1	8.0
NE	.9	2.6	2.2	.9	.2	.1	.0	.0	.0	.0	.0	6.9	7.3
ENE	.3	1.6	1.2	.5	.1	.0	.1	.0	.0	.0	.0	3.7	7.6
E	.9	1.9	1.1	.2	.0	.0	.0	.1	.0	.0	.0	4.2	6.3
ESE	.4	2.9	1.5	.3	.1	.0	.0	.0	.1	.0	.0	5.2	7.1
SE	.8	3.6	3.9	1.8	.2	.0	.0	.0	.0	.0	.0	10.3	7.9
SSE	.2	1.2	1.8	.7	.1	.1	.0	.0	.0	.0	.0	4.2	8.4
S	.2	1.2	1.5	1.5	.0	.0	.0	.0	.0	.0	.0	4.4	9.2
SSW	.2	1.0	1.6	.9	.0	.0	.0	.0	.0	.0	.0	3.7	8.5
SW	.2	.9	2.2	2.1	.2	.0	.0	.0	.0	.0	.0	5.6	10.0
WSW	.2	1.0	1.8	1.1	.1	.0	.0	.0	.0	.0	.0	4.2	8.6
W	.2	1.3	.9	.8	.1	.0	.0	.0	.0	.0	.0	3.4	8.4
WNW	.6	1.1	2.2	1.5	.2	.1	.0	.0	.0	.0	.0	5.7	9.2
NW	.5	1.5	2.8	2.3	.9	.5	.0	.0	.0	.0	.0	8.6	11.0
NNW	.5	1.5	3.6	1.2	.2	.2	.1	.0	.0	.0	.0	7.2	8.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	.0
ALL	7.5	30.4	35.9	18.8	3.2	.9	.2	.2	.1	.0	.0	100.0	8.2

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : OCT
 CLASS : ALL WEATHER HOUR : 1600 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT.		SPEED (KNOTS)																TOTAL		MEAN	
DIR.		1	-	3	4	-	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	WIND	SPEED		
N		2.2		3.8		3.3		1.3		.4		.0		.0		.0		11.0	6.9		
NNE		.9		3.0		2.2		.8		.3		.0		.0		.0		7.3	7.4		
NE		.8		2.3		1.3		.7		.2		.0		.0		.0		5.3	7.1		
ENE		.6		.5		1.0		.5		.1		.0		.0		.0		2.8	7.8		
E		.7		1.2		1.2		.5		.1		.0		.0		.0		3.5	6.9		
ESE		.8		1.3		1.2		.4		.1		.0		.0		.0		3.8	6.7		
SE		.8		3.4		4.4		1.2		.0		.0		.0		.1		9.8	7.7		
SSE		1.5		3.2		5.6		1.8		.2		.0		.0		.0		12.2	7.6		
S		.5		2.4		2.2		.8		.0		.0		.0		.0		5.9	7.1		
SSW		.2		1.3		1.5		.6		.0		.1		.0		.0		3.7	8.3		
SW		.2		1.1		1.6		.3		.0		.0		.0		.0		3.2	8.3		
WSW		.3		1.5		.8		.5		.1		.0		.0		.0		3.2	7.2		
W		.2		1.8		1.2		.4		.2		.0		.0		.0		3.8	7.4		
WNW		.2		1.1		1.7		.8		.4		.0		.0		.0		4.1	9.1		
NW		.8		.8		2.4		2.5		.9		.2		.0		.0		7.8	10.8		
NNW		.9		2.2		2.5		1.2		.2		.1		.0		.0		7.2	8.1		
VAR		.0		.0		.0		.0		.0		.0		.0		.0		.0	.0		
CLM		.0		.0		.0		.0		.0		.0		.0		.0		.0	.0		
ALL		11.7		30.8		34.1		14.3		3.0		.5		.1		.2		100.0	7.4		

TOTAL NO. OF OBS : 1300

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : OCT
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.2	2.3	1.2	.5	.3	.1	.0	.0	.0	.0	.0	5.6	6.9
NNE	.6	.6	.8	.7	.1	.0	.0	.0	.0	.0	.0	2.8	8.1
NE	.5	1.5	1.5	1.3	.3	.0	.0	.0	.0	.0	.0	5.2	8.9
ENE	.4	1.0	1.0	.8	.2	.0	.0	.0	.0	.0	.0	3.4	8.5
E	.8	1.0	1.8	1.0	.1	.0	.0	.0	.0	.0	.0	4.6	7.8
ESE	.4	.7	.7	.4	.0	.0	.0	.0	.0	.0	.0	2.2	7.0
SE	1.1	1.2	1.1	.7	.2	.0	.0	.0	.0	.0	.0	4.2	6.9
SSE	.9	2.5	2.6	.1	.2	.0	.0	.0	.0	.0	.0	6.3	6.4
S	3.6	6.4	4.1	.8	.1	.0	.0	.0	.0	.0	.0	15.0	5.8
SSW	1.2	2.4	1.7	.9	.1	.0	.0	.0	.0	.0	.0	6.3	6.7
SW	.9	1.2	1.5	.4	.1	.0	.0	.0	.0	.0	.0	4.1	6.7
WSW	.2	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	1.6	7.2
W	.5	1.5	1.1	.4	.1	.0	.0	.0	.0	.0	.0	3.5	6.7
WNW	.2	.8	1.4	1.0	.2	.0	.0	.0	.0	.0	.0	3.6	9.2
NW	1.1	1.5	1.8	1.3	.2	.0	.0	.0	.0	.0	.0	5.9	8.2
NNW	1.2	1.6	2.3	1.8	.3	.1	.1	.0	.0	.0	.0	7.5	8.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.2	.0
ALL	15.0	26.8	25.0	12.5	2.3	.2	.1	.0	.0	.0	.0	100.0	6.0

TOTAL NO. OF OBS : 1300

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : CCT
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL		MEAN
	1-5	6-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	2	3	4	5	6	7	8	9	
N	.5	1.6	1.1	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2
NNE	.5	.9	1.5	1.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.2
NE	.5	1.1	2.0	1.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3
ENE	.7	1.2	1.4	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6
E	.8	2.6	1.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2
ESE	.2	1.3	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5
SE	.5	1.2	1.1	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2
SSE	1.0	2.2	1.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
S	1.8	4.1	3.4	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2
SSW	1.4	2.3	3.4	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9
SW	1.0	1.8	2.6	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6
WSW	.6	1.1	.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4
W	1.3	1.5	.8	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2
WNW	.6	2.1	1.6	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7
NW	1.0	2.0	2.3	.9	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.6
NNW	.7	2.4	2.3	1.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	13.3	29.3	27.4	12.0	2.8	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	.0	6.4

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : OCT
 HOUR : ALL

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.		1	-	3	4	-	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN	
		SPEED (KNOTS)																	
																			%
N	1.0	2.3	2.5	1.0	.3	.1	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	.0	7.3	7.9	
NNE	.5	1.9	2.2	1.3	.4	.1	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	6.5	8.8	
NE	.6	2.0	2.0	1.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	8.5	
ENE	.5	1.3	1.6	.7	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	7.8	
E	.7	1.5	1.2	.4	.0*	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.6	
ESE	.4	1.1	.8	.3	.0*	.0*	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	2.7	7.0	
SE	.5	1.6	1.7	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	4.5	7.4	
SSE	.7	1.5	1.7	.5	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	7.0	
S	1.2	2.7	2.1	.8	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	6.6	
SSW	.9	1.9	2.1	.8	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	7.2	
SW	.7	1.7	2.3	1.3	.1	.0*	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	6.2	8.1	
WSW	.6	1.4	1.2	.5	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.8	
W	1.0	2.2	1.3	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	6.4	
WNW	.7	1.9	1.7	1.1	.3	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	8.1	
NW	1.1	2.1	2.4	1.8	.6	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	9.3	
NNW	.8	2.0	2.5	1.5	.5	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	8.9	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.2	.0	
ALL	12.0	29.0	29.4	14.5	3.0	.7	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	.0*	100.0	6.9	

TOTAL NO. OF OBS : 10410

NOTES :
 * = PERCENT < .05

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : OCT
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1/2	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.2	56.4	59.3	61.2	62.4	62.6	63.0	63.3	63.4	63.4	63.4	63.5	63.5	63.5	63.6
>=20000	22.2	58.4	61.7	63.8	65.0	65.3	65.7	66.0	66.1	66.2	66.2	66.3	66.3	66.3	66.4
>=18000	22.2	58.4	61.7	63.8	65.0	65.3	65.7	66.0	66.1	66.2	66.2	66.3	66.3	66.3	66.4
>=16000	22.2	58.5	61.9	64.0	65.2	65.4	65.9	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.5
>=14000	22.2	58.7	62.1	64.2	65.4	65.7	66.1	66.4	66.5	66.6	66.6	66.7	66.7	66.7	66.7
>=12000	22.4	59.5	62.9	65.2	66.4	66.7	67.1	67.4	67.5	67.6	67.6	67.7	67.7	67.7	67.8
>=10000	22.9	62.0	65.6	67.8	69.1	69.4	69.8	70.1	70.2	70.3	70.3	70.4	70.4	70.4	70.5
>= 9000	23.0	62.4	66.0	68.2	69.5	69.8	70.2	70.5	70.6	70.7	70.7	70.8	70.8	70.8	70.9
>= 8000	23.3	65.1	68.8	71.2	72.5	72.8	73.3	73.5	73.6	73.7	73.7	73.8	73.8	73.8	73.9
>= 7000	23.5	65.9	69.6	72.0	73.3	73.6	74.1	74.3	74.5	74.6	74.6	74.7	74.7	74.7	74.7
>= 6000	23.6	66.4	70.1	72.5	73.8	74.1	74.6	74.8	75.0	75.0	75.0	75.1	75.1	75.1	75.2
>= 5000	24.0	68.0	71.7	74.3	75.6	75.9	76.4	76.6	76.7	76.8	76.8	76.9	76.9	76.9	77.0
>= 4500	24.3	70.1	73.9	76.4	77.8	78.1	78.5	78.8	78.9	79.0	79.0	79.1	79.1	79.1	79.1
>= 4000	24.4	72.0	76.0	78.7	80.0	80.3	80.8	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.4
>= 3500	24.8	73.1	77.1	79.8	81.2	81.5	81.9	82.2	82.3	82.4	82.4	82.5	82.5	82.5	82.6
>= 3000	25.0	74.7	78.8	81.8	83.2	83.5	84.0	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.6
>= 2500	25.1	75.3	79.7	82.9	84.4	84.7	85.2	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.8
>= 2000	25.3	76.2	80.8	84.3	85.8	86.1	86.7	86.9	87.1	87.1	87.1	87.2	87.2	87.3	87.4
>= 1800	25.3	76.3	80.9	84.4	86.0	86.3	86.8	87.1	87.1	87.2	87.3	87.4	87.4	87.4	87.5
>= 1500	25.4	76.9	81.9	85.7	87.4	87.8	88.3	88.5	88.7	88.8	88.8	88.8	88.8	88.9	89.0
>= 1200	25.4	77.6	82.6	86.5	88.2	88.6	89.1	89.4	89.4	89.6	89.6	89.7	89.7	89.8	89.8
>= 1000	25.5	78.5	83.6	87.5	89.4	89.8	90.3	90.5	90.7	90.8	90.8	90.9	90.9	90.9	91.0
>= 900	25.5	78.8	83.9	87.9	89.9	90.3	90.9	91.1	91.2	91.3	91.3	91.4	91.4	91.5	91.6
>= 800	25.5	78.9	84.3	88.4	90.6	91.0	91.7	91.9	92.1	92.2	92.2	92.2	92.2	92.3	92.4
>= 700	25.5	79.1	84.7	89.0	91.6	92.1	92.9	93.1	93.3	93.3	93.3	93.4	93.4	93.5	93.6
>= 600	25.5	79.4	85.2	90.0	92.7	93.5	94.3	94.5	94.7	94.7	94.7	94.8	94.8	94.9	95.0
>= 500	25.5	79.7	85.6	90.8	93.6	94.6	95.4	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.1
>= 400	25.5	79.9	86.1	91.4	94.3	95.3	96.4	96.6	96.7	97.0	97.0	97.1	97.1	97.1	97.2
>= 300	25.5	80.1	86.4	91.7	94.7	95.7	96.9	97.2	97.4	97.8	97.8	98.0	98.0	98.1	98.2
>= 200	25.5	80.1	86.4	91.7	94.7	95.8	97.0	97.3	97.6	98.1	98.1	98.3	98.3	98.4	98.5
>= 100	25.5	80.1	86.4	91.7	94.8	95.9	97.1	97.4	97.8	98.3	98.3	98.7	98.7	99.0	99.5
>= 0	25.5	80.1	86.4	91.7	94.8	95.9	97.1	97.4	97.8	98.3	98.3	98.7	98.7	99.1	100.0

TOTAL NO. OF OBS : 1290

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD

PERIOD OF RECORD : 1945-1986

CLASS : ALL WEATHER

CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

MONTH : OCT

HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	18.5	52.9	56.2	57.9	59.2	59.2	60.0	60.3	60.3	60.7	60.7	60.7	60.9	60.9	61.0	61.2
>=20000	18.5	54.4	58.1	59.8	61.2	61.2	62.1	62.4	62.4	62.7	62.7	62.7	63.0	63.0	63.1	63.3
>=18000	18.5	54.4	58.1	59.8	61.2	61.2	62.1	62.4	62.4	62.7	62.7	62.7	63.0	63.0	63.1	63.3
>=16000	18.5	54.4	58.1	59.8	61.2	61.2	62.1	62.4	62.4	62.7	62.7	62.7	63.0	63.0	63.1	63.3
>=14000	18.6	54.5	58.3	60.0	61.5	61.5	62.4	62.7	62.7	63.1	63.1	63.1	63.3	63.3	63.4	63.6
>=12000	18.8	55.2	58.9	60.7	62.1	62.1	63.1	63.3	63.3	63.7	63.7	63.7	63.9	63.9	64.1	64.2
>=10000	19.1	57.3	61.4	63.3	64.8	64.8	65.9	66.2	66.2	66.6	66.6	66.6	66.8	66.8	67.0	67.2
>=9000	19.3	57.8	61.9	63.7	65.3	65.3	66.4	66.7	66.7	67.1	67.1	67.1	67.3	67.3	67.5	67.6
>=8000	19.6	60.6	64.9	67.0	68.6	68.6	69.7	70.0	70.0	70.4	70.4	70.5	70.7	70.7	70.9	71.0
>=7000	19.8	61.6	65.9	68.0	69.6	69.6	70.7	71.0	71.0	71.4	71.4	71.5	71.7	71.7	71.9	72.0
>=6000	19.8	62.0	66.3	68.4	70.0	70.0	71.1	71.4	71.4	71.8	71.8	71.9	72.1	72.1	72.3	72.4
>=5000	20.1	63.4	67.9	70.0	71.7	71.7	72.9	73.2	73.2	73.6	73.6	73.7	73.9	73.9	74.1	74.2
>=4500	20.4	64.8	69.2	71.3	73.0	73.0	74.2	74.5	74.5	74.9	74.9	75.0	75.2	75.2	75.4	75.5
>=4000	20.7	66.2	70.8	73.0	74.7	74.7	75.9	76.2	76.2	76.6	76.6	76.7	76.9	76.9	77.1	77.2
>=3500	20.8	67.1	71.6	74.1	75.8	75.9	77.1	77.4	77.4	77.8	77.8	77.8	78.1	78.1	78.2	78.4
>=3000	21.0	68.9	73.7	76.0	77.7	77.8	78.9	79.2	79.2	79.6	79.6	79.7	79.9	79.9	80.1	80.2
>=2500	21.1	70.2	75.1	77.7	79.5	79.6	80.7	81.0	81.0	81.4	81.4	81.5	81.7	81.7	81.9	82.0
>=2000	21.2	71.2	76.4	79.0	80.9	80.9	82.1	82.4	82.4	82.8	82.8	82.9	83.1	83.1	83.3	83.4
>=1800	21.4	71.5	76.7	79.3	81.2	81.3	82.4	82.7	82.7	83.1	83.1	83.2	83.4	83.4	83.6	83.7
>=1500	21.6	72.6	78.5	81.4	83.4	83.5	84.7	85.0	85.0	85.4	85.4	85.5	85.7	85.7	85.9	86.1
>=1200	21.7	73.4	79.6	82.6	84.7	84.7	86.0	86.3	86.3	86.8	86.8	86.8	87.1	87.1	87.2	87.4
>=1000	21.7	74.0	80.6	84.1	86.3	86.4	87.7	88.0	88.0	88.5	88.5	88.5	88.8	88.8	88.9	89.1
>=900	21.7	74.4	81.3	84.9	87.1	87.2	88.6	88.9	88.9	89.4	89.4	89.5	89.7	89.7	89.9	90.0
>=800	21.7	74.7	81.9	85.7	87.9	88.1	89.5	89.9	89.9	90.3	90.3	90.4	90.7	90.7	90.9	91.0
>=700	21.7	74.9	82.1	86.1	88.5	88.8	90.4	90.7	90.7	91.2	91.2	91.2	91.6	91.6	91.7	91.9
>=600	21.7	75.1	82.3	86.6	89.1	89.4	91.0	91.3	91.3	91.9	91.9	91.9	92.3	92.3	92.4	92.6
>=500	21.7	75.4	83.0	87.4	89.9	90.3	92.2	92.6	92.6	93.2	93.2	93.3	93.6	93.6	93.8	94.0
>=400	21.7	75.8	83.3	87.9	90.9	91.5	93.6	94.1	94.1	94.8	95.0	95.1	95.4	95.4	95.6	95.7
>=300	21.7	75.9	83.4	88.3	91.5	92.2	94.5	95.0	95.0	95.8	96.3	96.4	96.7	96.7	97.0	97.1
>=200	21.7	76.0	83.5	88.4	91.6	92.4	94.8	95.4	95.4	96.2	96.8	96.9	97.3	97.3	97.6	97.8
>=100	21.7	76.0	83.6	88.5	91.6	92.6	95.0	95.6	95.6	96.4	97.1	97.2	97.6	97.6	98.1	98.6
>=0	21.7	76.0	83.6	88.5	91.6	92.6	95.0	95.6	95.6	96.4	97.1	97.2	97.6	97.6	98.5	100.0

TOTAL NO. OF OBS : 1291

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : OCT
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	16.5	43.1	46.6	49.1	50.5	50.9	51.4	51.6	51.6	51.8	52.0	52.0	52.3	52.3	52.6	52.9
>=20000	16.6	45.3	49.5	52.2	54.2	54.6	55.3	55.6	55.6	55.9	56.2	56.2	56.5	56.6	56.8	57.2
>=18000	17.0	45.8	50.0	52.7	54.7	55.1	55.8	56.1	56.1	56.4	56.6	56.6	57.0	57.0	57.3	57.7
>=16000	17.0	45.8	50.0	52.7	54.7	55.1	55.8	56.1	56.1	56.4	56.6	56.6	57.0	57.0	57.3	57.7
>=14000	17.1	46.2	50.5	53.1	55.2	55.5	56.3	56.6	56.6	56.9	57.1	57.1	57.4	57.5	57.7	58.1
>=12000	17.3	47.0	51.3	54.0	56.0	56.4	57.1	57.4	57.4	57.7	58.0	58.0	58.3	58.4	58.6	59.0
>=10000	17.7	49.1	53.8	56.6	58.7	59.2	59.9	60.2	60.2	60.5	60.8	60.8	61.1	61.2	61.4	61.8
>=9000	17.9	49.8	54.6	57.4	59.5	60.0	60.7	61.0	61.0	61.3	61.6	61.6	61.9	62.0	62.2	62.6
>=8000	18.7	54.0	59.0	62.1	64.2	64.7	65.5	65.9	65.9	66.2	66.4	66.4	66.7	66.8	67.0	67.4
>=7000	19.1	55.2	60.2	63.4	65.5	66.1	67.0	67.3	67.3	67.6	67.8	67.8	68.1	68.2	68.4	68.8
>=6000	19.4	55.9	60.9	64.1	66.2	66.8	67.7	68.0	68.0	68.3	68.5	68.5	68.8	68.9	69.1	69.5
>=5000	19.8	57.7	62.8	66.1	68.4	69.0	69.8	70.2	70.2	70.5	70.7	70.7	71.0	71.1	71.3	71.7
>=4500	20.0	58.4	63.7	67.0	69.4	70.1	70.9	71.2	71.2	71.6	71.8	71.8	72.1	72.2	72.4	72.8
>=4000	20.5	60.2	65.6	68.9	71.4	72.1	73.0	73.3	73.3	73.6	73.8	73.8	74.1	74.2	74.5	74.8
>=3500	21.1	61.1	66.7	70.2	72.7	73.4	74.2	74.5	74.5	74.8	75.1	75.1	75.4	75.5	75.7	76.1
>=3000	21.4	62.9	68.8	72.5	75.2	75.9	77.0	77.3	77.3	77.7	77.9	77.9	78.2	78.3	78.5	78.9
>=2500	21.8	64.0	70.1	74.1	77.0	77.8	78.9	79.2	79.2	79.6	79.8	79.8	80.2	80.2	80.5	80.9
>=2000	22.1	65.2	71.5	75.5	78.7	79.6	80.7	81.0	81.0	81.4	81.6	81.6	82.0	82.0	82.3	82.7
>=1800	22.2	65.5	71.7	75.9	79.1	79.9	81.0	81.3	81.3	81.7	82.0	82.0	82.3	82.3	82.6	83.0
>=1500	22.4	66.5	72.8	77.4	80.7	81.6	82.7	83.0	83.0	83.4	83.6	83.6	83.9	84.0	84.2	84.6
>=1200	22.7	66.9	73.4	78.3	81.7	82.7	83.9	84.2	84.2	84.6	84.8	84.8	85.2	85.2	85.5	85.9
>=1000	23.0	68.0	74.8	79.9	83.4	84.6	85.9	86.2	86.2	86.6	86.9	86.9	87.2	87.3	87.5	87.9
>=900	23.0	68.3	75.1	80.3	83.8	85.1	86.4	86.8	86.8	87.2	87.4	87.4	87.7	87.8	88.0	88.4
>=800	23.0	68.8	75.7	81.3	85.1	86.5	88.0	88.4	88.4	88.9	89.1	89.1	89.5	89.5	89.8	90.2
>=700	23.0	68.8	75.9	81.7	85.7	87.3	88.9	89.5	89.5	90.1	90.3	90.3	90.6	90.7	90.9	91.3
>=600	23.0	69.1	76.2	82.3	86.6	88.2	90.0	90.8	90.8	91.4	91.6	91.6	92.0	92.0	92.3	92.7
>=500	23.1	69.4	76.6	83.0	87.6	89.3	91.2	92.0	92.0	92.7	93.0	93.0	93.4	93.4	93.7	94.1
>=400	23.1	69.5	76.9	83.3	88.1	89.8	92.0	93.0	93.0	93.9	94.6	94.6	95.0	95.0	95.2	95.6
>=300	23.1	69.6	77.0	83.5	88.5	90.3	92.8	94.0	94.0	95.1	95.8	95.8	96.2	96.2	96.5	97.0
>=200	23.1	69.6	77.0	83.5	88.5	90.4	93.0	94.1	94.1	95.2	96.0	96.0	96.6	96.9	97.2	97.9
>=100	23.1	69.6	77.0	83.6	88.6	90.5	93.0	94.2	94.2	95.5	96.2	96.2	97.2	97.4	97.9	98.9
>= 0	23.1	69.6	77.0	83.6	88.6	90.5	93.0	94.2	94.2	95.5	96.2	96.2	97.2	97.4	98.2	100.0

TOTAL NO. OF OBS : 1280

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : OCT
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=C
UNLIMIT	24.1	50.1	52.4	53.2	54.2	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
>=20000	25.3	54.1	56.7	57.9	59.0	59.2	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5
>=18000	25.3	54.1	56.7	57.9	59.0	59.2	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5
>=16000	25.4	54.2	56.8	58.1	59.2	59.3	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7
>=14000	25.6	54.8	57.4	58.6	59.7	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2
>=12000	26.3	55.6	58.3	59.6	60.7	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
>=10000	26.9	58.2	61.1	62.4	63.5	63.7	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1
>= 9000	27.2	58.9	61.8	63.1	64.2	64.4	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8
>= 8000	27.9	61.7	64.8	66.2	67.4	67.7	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0
>= 7000	28.2	62.6	65.8	67.2	68.4	68.7	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0
>= 6000	28.4	63.1	66.3	67.8	69.2	69.4	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7
>= 5000	28.9	64.8	68.1	69.6	71.0	71.3	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7
>= 4500	29.3	65.5	68.9	70.4	71.8	72.1	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5
>= 4000	29.9	67.5	71.1	72.7	74.1	74.4	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8
>= 3500	30.5	68.8	72.4	74.0	75.4	75.8	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2
>= 3000	30.8	71.2	75.3	77.2	78.7	79.2	79.5	79.5	79.5	79.5	79.5	79.7	79.7	79.7	79.7
>= 2500	31.2	72.4	76.6	78.6	80.4	80.8	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4
>= 2000	31.9	74.0	78.6	80.8	82.7	83.1	83.5	83.5	83.6	83.6	83.6	83.7	83.7	83.7	83.7
>= 1800	32.1	74.3	78.9	81.0	82.9	83.4	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9
>= 1500	32.3	76.0	80.8	83.0	85.2	85.8	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5
>= 1200	32.6	77.1	82.1	84.6	87.0	87.7	88.1	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4
>= 1000	32.7	78.3	83.6	86.3	89.0	89.6	90.2	90.4	90.6	90.6	90.6	90.7	90.7	90.7	90.7
>= 900	33.0	78.6	84.0	86.8	89.7	90.3	91.1	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5
>= 800	33.0	78.9	84.4	87.4	90.5	91.3	92.2	92.4	92.7	92.7	92.7	92.8	92.8	92.8	92.8
>= 700	33.0	79.2	85.0	88.2	91.6	92.5	93.5	93.7	94.0	94.0	94.0	94.1	94.1	94.1	94.1
>= 600	33.0	79.4	85.3	88.6	92.3	93.2	94.3	94.6	94.9	94.9	94.9	95.1	95.1	95.1	95.1
>= 500	33.0	79.4	85.4	89.0	93.2	94.3	95.8	96.1	96.4	96.4	96.4	96.5	96.5	96.5	96.5
>= 400	33.0	79.7	85.8	89.4	93.7	95.0	96.5	96.9	97.5	97.5	97.5	97.6	97.6	97.6	97.6
>= 300	33.0	79.7	86.0	89.6	94.3	95.5	97.1	97.5	98.1	98.3	98.4	98.5	98.5	98.5	98.5
>= 200	33.0	79.8	86.1	89.8	94.4	95.7	97.3	97.6	98.4	98.7	98.8	99.1	99.1	99.1	99.1
>= 100	33.0	79.8	86.1	89.8	94.4	95.7	97.3	97.6	98.4	98.7	98.8	99.1	99.1	99.1	99.1
>= 0	33.0	79.8	86.1	89.8	94.4	95.7	97.3	97.6	98.4	98.7	98.8	99.1	99.1	99.1	100.0

TOTAL NO. OF OBS : 1274

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : OCT
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.6	49.9	51.0	52.0	52.5	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
>=20000	26.6	55.0	56.2	57.6	58.3	58.4	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
>=18000	26.7	55.1	56.4	57.7	58.4	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
>=16000	26.9	55.4	56.6	58.0	58.7	58.8	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
>=14000	27.3	56.2	57.5	58.9	59.6	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
>=12000	28.1	57.6	58.9	60.4	61.1	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
>=10000	29.0	60.0	61.3	62.9	63.6	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
>= 9000	29.2	60.3	61.8	63.4	64.1	64.2	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
>= 8000	29.6	63.5	65.3	67.0	67.8	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
>= 7000	29.6	64.4	66.2	67.9	68.8	69.0	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
>= 6000	29.8	64.7	66.5	68.2	69.1	69.3	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
>= 5000	30.5	66.0	68.0	69.8	70.7	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
>= 4500	30.8	67.2	69.2	71.0	71.8	72.1	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
>= 4000	31.8	69.7	71.8	73.6	74.6	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
>= 3500	32.9	71.9	74.0	75.9	76.9	77.2	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
>= 3000	34.4	75.9	78.4	80.4	81.3	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
>= 2500	35.0	77.3	79.8	82.3	83.2	83.6	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0
>= 2000	35.5	79.4	82.1	84.9	86.0	86.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
>= 1800	35.7	79.6	82.4	85.3	86.4	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2
>= 1500	35.9	81.7	84.8	87.8	88.9	89.5	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
>= 1200	36.0	82.4	85.6	88.8	90.3	90.9	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
>= 1000	36.0	83.1	86.7	90.2	91.9	92.5	93.2	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
>= 900	36.0	83.3	87.2	91.1	92.9	93.6	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
>= 800	36.0	83.3	87.5	91.8	94.0	94.6	95.3	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
>= 700	36.0	83.6	87.8	92.2	94.6	95.4	96.4	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1
>= 600	36.0	83.7	88.1	92.6	95.3	96.2	97.3	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0
>= 500	36.0	83.8	88.3	92.9	95.8	96.8	98.2	98.6	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0
>= 400	36.0	83.9	88.4	93.0	96.0	97.0	98.5	99.1	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5
>= 300	36.0	83.9	88.5	93.1	96.1	97.2	98.7	99.3	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8
>= 200	36.0	83.9	88.5	93.1	96.2	97.3	98.7	99.4	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9
>= 100	36.0	83.9	88.5	93.1	96.2	97.3	98.7	99.5	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0
>= 0	36.0	83.9	88.5	93.1	96.2	97.3	98.7	99.5	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1275

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

CLASS : ALL WEATHER

CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : OCT
HOUR : 1600 LSTPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=1/8
UNLIMIT	25.1	51.0	52.4	53.7	54.1	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
>=20000	26.5	56.1	57.9	60.0	60.3	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
>=18000	26.5	56.1	57.9	60.0	60.3	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
>=16000	26.5	56.1	57.9	60.0	60.3	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
>=14000	26.9	56.8	58.6	60.7	61.0	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
>=12000	27.4	58.0	59.9	61.9	62.3	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
>=10000	28.6	61.2	63.1	65.1	65.5	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
>= 9000	28.9	61.8	63.7	65.7	66.1	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>= 8000	29.6	65.7	68.3	70.6	71.2	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
>= 7000	30.3	67.1	69.7	72.1	72.8	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
>= 6000	30.9	68.2	70.9	73.3	73.9	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
>= 5000	31.5	69.6	72.4	74.9	75.6	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
>= 4500	32.2	70.8	73.8	76.3	77.0	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
>= 4000	33.5	73.7	76.7	79.2	80.0	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
>= 3500	34.0	74.6	77.8	80.3	81.1	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
>= 3000	34.6	77.2	80.6	83.6	84.5	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
>= 2500	34.9	78.8	82.6	85.6	86.7	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
>= 2000	35.2	80.2	84.0	87.0	88.2	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
>= 1800	35.3	80.7	84.5	87.6	88.8	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
>= 1500	35.4	81.5	85.6	89.1	90.6	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
>= 1200	35.4	82.1	86.7	90.2	91.6	92.3	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9
>= 1000	35.5	82.8	87.4	91.4	93.0	93.8	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5
>= 900	35.5	83.1	87.7	91.9	93.6	94.5	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
>= 800	35.6	83.4	88.2	92.7	94.5	95.5	96.3	96.3	96.3	96.3	96.4	96.5	96.5	96.5	96.5	96.5
>= 700	35.6	83.5	88.5	93.1	94.9	95.9	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1
>= 600	35.6	83.5	88.8	93.3	95.2	96.3	97.3	97.4	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7
>= 500	35.6	83.7	89.0	93.7	95.7	96.9	98.0	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
>= 400	35.6	83.7	89.1	93.9	96.1	97.4	98.7	99.0	99.1	99.1	99.2	99.3	99.4	99.4	99.4	99.4
>= 300	35.6	83.7	89.2	94.0	96.2	97.5	98.8	99.1	99.2	99.4	99.5	99.6	99.8	99.8	99.8	99.8
>= 200	35.6	83.7	89.2	94.0	96.3	97.6	98.9	99.2	99.3	99.5	99.6	99.8	99.9	99.9	99.9	99.9
>= 100	35.6	83.7	89.2	94.0	96.3	97.6	98.9	99.2	99.3	99.5	99.7	99.8	100.0	100.0	100.0	100.0
>= 0	35.6	83.7	89.2	94.0	96.3	97.6	98.9	99.2	99.3	99.5	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1281

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHERLAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : OCT
HOUR : 1900 LST

CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.8	53.8	56.3	57.9	58.2	58.2	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
>=20000	23.2	57.4	60.2	62.3	63.1	63.1	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
>=18000	23.3	57.7	60.6	62.7	63.5	63.5	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
>=16000	23.3	57.7	60.6	62.7	63.5	63.5	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
>=14000	23.6	58.1	61.1	63.2	64.0	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
>=12000	23.9	58.9	61.9	64.0	64.9	64.9	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4
>=10000	24.8	62.1	65.2	67.3	68.2	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
>=9000	25.2	62.8	66.0	68.1	69.0	69.0	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
>=8000	25.7	66.5	70.0	72.6	73.7	73.7	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
>=7000	26.1	68.2	71.8	74.3	75.4	75.4	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
>=6000	26.6	69.4	73.0	75.6	76.7	76.7	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
>=5000	27.0	70.4	74.2	76.9	78.1	78.1	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
>=4500	27.2	71.7	75.6	78.3	79.5	79.5	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
>=4000	27.5	73.5	77.7	80.5	81.6	81.6	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
>=3500	27.8	74.9	79.1	81.9	83.0	83.0	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
>=3000	28.2	77.3	81.8	85.0	86.1	86.1	86.2	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
>=2500	28.3	78.4	83.3	86.7	87.9	87.9	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
>=2000	28.5	79.8	84.8	88.4	89.7	89.7	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
>=1800	28.5	80.1	85.1	88.6	90.0	90.0	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
>=1500	28.6	81.2	86.5	90.4	91.8	91.8	92.0	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
>=1200	28.6	82.2	87.8	91.8	93.3	93.3	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
>=1000	28.6	82.4	88.2	92.4	94.0	94.0	94.2	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
>=900	28.6	82.5	88.3	92.6	94.4	94.4	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
>=800	28.6	82.6	88.5	92.9	94.8	94.8	95.6	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
>=700	28.6	82.9	88.8	93.5	95.4	95.4	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>=600	28.6	83.0	89.0	93.9	96.2	96.2	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
>=500	28.6	83.0	89.2	94.3	96.7	96.7	97.2	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=400	28.6	83.2	89.3	94.6	97.0	97.0	97.5	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
>=300	28.6	83.3	89.4	94.6	97.1	97.1	97.7	98.4	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
>=200	28.6	83.3	89.4	94.6	97.1	97.1	97.7	98.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>=100	28.6	83.3	89.4	94.6	97.1	97.1	97.7	98.6	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>=0	28.6	83.3	89.4	94.6	97.1	97.1	97.7	98.6	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NO. OF OBS : 1285

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : OCT
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	23.0	56.5	59.0	61.1	61.5	61.6	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
>=20000	23.1	58.9	61.8	64.1	64.6	64.7	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4
>=18000	23.3	59.3	62.1	64.5	65.0	65.1	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
>=16000	23.4	59.3	62.2	64.5	65.1	65.2	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
>=14000	23.4	59.5	62.5	64.9	65.4	65.5	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
>=12000	23.7	60.6	63.5	65.9	66.5	66.6	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
>=10000	24.3	63.3	66.3	68.9	69.5	69.6	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
>=9000	24.4	63.8	66.8	69.4	70.0	70.1	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
>=8000	24.8	66.7	70.1	72.8	73.5	73.6	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
>=7000	25.1	67.8	71.4	74.1	74.8	74.9	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
>=6000	25.4	68.8	72.4	75.2	75.9	76.0	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
>=5000	25.9	70.4	74.2	77.0	77.7	77.8	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
>=4500	26.1	71.7	75.6	78.6	79.3	79.4	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
>=4000	26.5	73.6	77.7	80.8	81.6	81.7	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
>=3500	26.8	74.3	78.5	81.7	82.5	82.6	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>=3000	27.0	76.2	80.7	84.4	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
>=2500	27.2	76.9	81.5	85.3	86.3	86.4	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
>=2000	27.3	78.2	83.5	87.3	88.4	88.5	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
>=1800	27.4	78.6	84.1	88.0	89.1	89.2	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
>=1500	27.4	79.6	85.5	89.6	90.7	90.9	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
>=1200	27.4	80.1	86.1	90.3	91.4	91.6	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
>=1000	27.5	80.6	86.7	91.1	92.3	92.6	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5
>=900	27.5	80.9	87.3	91.7	93.0	93.3	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
>=800	27.5	81.4	87.8	92.2	93.6	93.9	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
>=700	27.5	81.5	88.1	92.7	94.3	94.7	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
>=600	27.6	81.8	88.4	93.3	95.1	95.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>=500	27.6	81.8	88.5	93.6	95.7	96.0	97.1	97.1	97.2	97.2	97.2	97.4	97.4	97.4	97.4
>=400	27.6	82.1	88.8	93.9	96.1	96.5	97.8	97.8	98.1	98.1	98.1	98.3	98.3	98.3	98.3
>=300	27.6	82.2	89.0	94.2	96.5	97.0	98.2	98.4	98.8	98.8	98.8	99.0	99.0	99.0	99.0
>=200	27.6	82.2	89.0	94.2	96.6	97.1	98.3	98.5	98.8	98.8	98.8	99.1	99.1	99.1	99.1
>=100	27.6	82.2	89.0	94.2	96.6	97.1	98.4	98.6	98.9	98.9	98.9	99.1	99.1	99.1	99.1
>=0	27.6	82.2	89.0	94.2	96.6	97.1	98.4	98.6	98.9	98.9	98.9	99.1	99.1	99.1	100.0

TOTAL NO. OF OBS : 1289

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : OCT
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.2	51.7	54.2	55.8	56.6	56.7	57.1	57.2	57.2	57.2	57.3	57.4	57.4	57.4	57.4	57.5	57.5	57.6
>=20000	22.7	54.9	57.8	59.7	60.7	60.9	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.7	61.7	61.8	61.9
>=18000	22.9	55.1	58.0	59.9	60.9	61.1	61.5	61.6	61.6	61.6	61.6	61.8	61.8	61.8	61.9	61.9	62.0	62.0
>=16000	22.9	55.2	58.0	60.0	61.0	61.2	61.6	61.7	61.7	61.7	61.7	61.9	61.9	61.9	62.0	62.0	62.0	62.1
>=14000	23.1	55.6	58.5	60.5	61.5	61.7	62.1	62.2	62.2	62.2	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.6
>=12000	23.5	56.5	59.5	61.5	62.5	62.7	63.1	63.2	63.2	63.2	63.4	63.4	63.4	63.4	63.5	63.5	63.6	63.6
>=10000	24.2	59.2	62.3	64.3	65.4	65.6	66.0	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.4	66.4	66.5	66.6
>= 9000	24.4	59.7	62.8	64.9	66.0	66.2	66.6	66.8	66.8	66.8	66.9	66.9	66.9	66.9	67.0	67.0	67.1	67.2
>= 8000	24.9	63.0	66.4	68.7	69.9	70.1	70.6	70.7	70.7	70.7	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.1
>= 7000	25.2	64.1	67.6	69.9	71.1	71.3	71.8	71.9	71.9	71.9	72.1	72.1	72.1	72.1	72.2	72.2	72.3	72.3
>= 6000	25.5	64.8	68.3	70.6	71.9	72.1	72.6	72.7	72.7	72.7	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.1
>= 5000	26.0	66.3	69.9	72.3	73.6	73.8	74.3	74.5	74.5	74.5	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.9
>= 4500	26.3	67.5	71.2	73.7	75.0	75.2	75.7	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.1	76.1	76.2	76.3
>= 4000	26.8	69.6	73.5	75.9	77.3	77.5	78.1	78.2	78.2	78.2	78.3	78.4	78.4	78.4	78.5	78.5	78.5	78.6
>= 3500	27.3	70.7	74.7	77.3	78.6	78.9	79.4	79.5	79.5	79.5	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.9
>= 3000	27.8	73.0	77.3	80.1	81.5	81.8	82.4	82.5	82.5	82.5	82.6	82.7	82.7	82.7	82.8	82.8	82.9	82.9
>= 2500	28.1	74.2	78.6	81.7	83.2	83.5	84.1	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.5	84.5	84.6	84.6
>= 2000	28.4	75.5	80.2	83.4	85.0	85.4	86.0	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.4	86.4	86.5	86.6
>= 1800	28.5	75.8	80.5	83.8	85.4	85.8	86.4	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.8	86.8	86.9	87.0
>= 1500	28.6	77.0	82.1	85.6	87.3	87.8	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.8	88.9	88.9	88.9	89.0
>= 1200	28.7	77.7	83.0	86.6	88.5	89.0	89.7	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.1	90.2	90.2	90.3
>= 1000	28.8	78.5	84.0	87.9	89.9	90.4	91.2	91.4	91.4	91.4	91.6	91.6	91.6	91.7	91.7	91.8	91.8	91.9
>= 900	28.8	78.7	84.4	88.4	90.6	91.1	91.9	92.1	92.1	92.1	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.6
>= 800	28.9	79.0	84.8	89.1	91.4	92.0	92.9	93.1	93.1	93.1	93.3	93.4	93.4	93.4	93.5	93.5	93.6	93.7
>= 700	28.9	79.2	85.1	89.6	92.1	92.8	93.8	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.5	94.6	94.6	94.7
>= 600	28.9	79.4	85.4	90.1	92.8	93.6	94.7	95.1	95.1	95.1	95.3	95.4	95.4	95.4	95.5	95.5	95.6	95.7
>= 500	28.9	79.5	85.7	90.6	93.5	94.4	95.7	96.0	96.1	96.1	96.3	96.4	96.4	96.4	96.6	96.6	96.7	96.7
>= 400	28.9	79.7	86.0	90.9	94.0	95.0	96.4	96.9	96.9	96.9	97.3	97.5	97.5	97.5	97.6	97.7	97.7	97.8
>= 300	28.9	79.8	86.1	91.1	94.4	95.4	96.9	97.4	97.5	97.5	97.9	98.2	98.2	98.2	98.4	98.4	98.5	98.6
>= 200	28.9	79.8	86.1	91.2	94.4	95.5	97.1	97.6	97.6	97.6	98.1	98.4	98.4	98.5	98.7	98.8	98.9	99.0
>= 100	28.9	79.8	86.2	91.2	94.4	95.5	97.1	97.7	97.7	97.7	98.3	98.6	98.6	98.6	99.0	99.0	99.2	99.5
>= 0	28.9	79.8	86.2	91.2	94.4	95.5	97.1	97.7	97.7	97.7	98.3	98.6	98.6	98.6	99.0	99.0	99.3	100.0

TOTAL NO. OF OBS : 10265

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : NOV
HOUR : C100 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL	MEAN
																%	WIND SPEED
N	.5	1.5	1.8	1.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	8.2
NNE	.4	1.0	1.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	8.1
NE	.3	1.4	1.4	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	8.2
ENE	.1	.9	.8	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	7.9
E	.3	1.1	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.9
ESE	.5	1.0	.7	.2	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.6	8.0
SE	.6	1.0	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	6.1
SSE	.6	.6	.9	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	8.4
S	1.1	2.4	2.5	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	6.7
SSW	.5	2.2	2.7	1.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	8.4
SW	.6	1.7	3.0	2.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.9	8.9
WSW	1.0	1.4	2.2	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	7.7
W	1.4	2.4	2.0	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	7.0
WNW	.6	2.3	2.3	1.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	8.4
NW	1.4	3.5	2.9	2.1	1.3	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	11.8	9.7
NNW	1.0	2.6	2.9	2.1	.9	.6	.0	.0	.1	.0	.0	.0	.0	.0	.0	10.2	5.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.9	.0
ALL	10.8	27.1	29.3	16.3	4.0	1.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	100.0	7.4

TOTAL NO. OF OBS : 1259

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : NOV
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

DIR.	1-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN
											%	WIND SPEED
N	.6	1.7	2.1	1.0	.2	.0	.0	.0	.0	.0	5.6	8.4
NNE	.2	1.7	1.1	.7	.1	.0	.0	.0	.0	.0	3.8	7.5
NE	.6	1.0	1.4	.6	.2	.0	.0	.0	.0	.0	3.9	8.1
ENE	.4	1.4	1.0	.2	.0	.0	.0	.0	.0	.0	3.1	6.6
E	.7	1.3	.9	.1	.1	.0	.0	.0	.0	.0	3.0	5.8
ESE	.1	.9	.4	.1	.0	.1	.0	.0	.0	.0	1.5	7.4
SE	.5	.6	.6	.3	.1	.0	.0	.0	.0	.0	2.0	7.2
SSE	.6	1.3	.5	.6	.1	.1	.0	.0	.0	.0	3.1	7.7
S	.8	1.3	1.5	1.0	.1	.0	.0	.0	.0	.0	4.6	7.7
SSW	.6	1.7	2.3	1.5	.2	.0	.0	.0	.0	.0	6.2	8.4
SW	1.0	2.3	2.4	1.9	.2	.0	.0	.0	.0	.0	7.8	8.2
WSW	.7	1.3	2.3	.8	.0	.0	.0	.0	.0	.0	5.1	7.7
W	1.6	3.8	2.1	1.0	.1	.0	.0	.0	.0	.0	8.7	6.3
WNW	1.4	2.5	2.4	.6	.5	.0	.0	.0	.0	.0	7.7	7.8
NW	1.9	3.3	2.9	1.5	1.0	.1	.0	.0	.0	.0	11.5	9.2
NNW	.9	2.1	4.0	1.9	1.0	.2	.0	.0	.0	.0	10.4	10.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0	.0
ALL	12.5	28.1	27.9	13.7	3.9	1.6	.4	.0	.0	.0	100.0	7.1

TOTAL NO. OF OBS : 1259

NOTES :
 * = PERCENT < .05

Q13721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : NOV
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

16 PT.		SPEED (KNOTS)																TOTAL		MEAN	
DIR.		1	- 3	4	- 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	WIND		SPEED			
N		.9	1.9			1.8	.7	.2	.2	.0	.0	.0	.0	.0	5.7	7.7					
NNE		.1	1.1			1.4	1.2	.2	.0	.1	.0	.0	.0	.0	4.0	9.5					
NE		.3	1.3			1.3	.7	.2	.0	.0	.0	.0	.0	.0	3.8	8.5					
ENE		.5	1.5			.6	.2	.0	.0	.0	.0	.0	.0	.0	2.9	6.1					
E		.6	1.6			.9	.2	.0	.0	.0	.0	.0	.0	.0	3.3	6.1					
ESE		.3	.5			.5	.2	.0	.0	.0	.0	.0	.0	.0	1.4	6.3					
SE		.1	1.1			.3	.5	.0	.0	.0	.0	.0	.0	.0	2.0	7.3					
SSE		.6	.6			.8	.5	.2	.0	.0	.0	.0	.0	.0	2.6	7.5					
S	1.2	1.9				1.4	.8	.2	.0	.0	.0	.0	.0	.0	5.4	7.0					
SSW		.7	2.1			2.1	1.0	.1	.0	.0	.0	.0	.0	.0	6.0	7.6					
SW		.9	1.9			2.2	1.4	.5	.0	.0	.0	.0	.0	.0	6.9	8.5					
WSW		.9	2.0			1.4	.6	.2	.0	.0	.0	.0	.0	.0	5.2	7.2					
W	2.0	3.4				2.2	.7	.1	.0	.0	.0	.0	.0	.0	8.4	6.1					
WNW		1.0	2.1			3.0	1.4	.4	.2	.1	.0	.0	.0	.0	8.1	8.5					
NW		1.4	3.0			2.8	1.7	.8	.2	.2	.0	.0	.0	.0	10.1	8.9					
NNW		1.2	3.2			3.0	2.9	.9	.3	.0	.0	.0	.0	.0	11.4	9.4					
VAR		.0	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
CLM		.0	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	12.7	.0					
ALL	12.6	29.1				25.7	14.8	3.9	.8	.4	.0	.0	.0	.0	100.0	6.9					

TOTAL NO. OF OBS : 1259

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : NOV
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN
												%	WIND
N	.6	1.5	2.9	1.4	.3	.0	.1	.0	.0	.0	.0	6.8	9.0
NNE	.6	1.3	2.5	.9	.1	.1	.1	.0	.0	.0	.0	5.5	8.4
NE	.7	1.7	1.3	.6	.0	.0	.0	.0	.0	.0	.0	4.4	6.8
ENE	.2	1.0	1.0	.4	.0	.0	.0	.0	.0	.0	.0	2.7	7.2
E	.3	1.8	.6	.3	.1	.0	.0	.0	.0	.0	.0	3.1	6.6
ESE	.6	.8	.8	.2	.0	.1	.0	.1	.0	.0	.0	2.5	7.7
SE	.6	2.1	1.0	1.0	.2	.0	.0	.0	.0	.0	.0	4.9	8.0
SSE	.2	.6	1.0	.5	.1	.1	.0	.0	.0	.0	.0	2.3	8.8
S	.3	1.2	1.8	1.0	.3	.0	.0	.0	.0	.0	.0	4.7	9.1
SSW	.3	1.1	2.0	1.9	.5	.0	.0	.0	.0	.0	.0	5.8	9.6
SW	.6	1.2	2.5	2.5	.4	.1	.0	.0	.0	.0	.0	7.3	9.6
WSW	.6	1.7	1.8	1.5	.4	.1	.0	.0	.0	.0	.0	6.2	9.1
W	.6	2.1	2.8	1.1	.3	.0	.0	.0	.0	.0	.0	6.9	8.1
WNW	.8	2.1	2.5	1.9	.8	.2	.0	.0	.0	.0	.0	8.3	9.5
NW	.5	2.3	2.9	3.3	1.6	.7	.2	.1	.0	.0	.0	11.5	11.8
NNW	.5	2.1	4.2	3.5	.6	.3	.2	.0	.0	.0	.0	11.4	10.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	.0
ALL	7.9	24.7	31.6	22.1	5.6	1.6	.6	.2	.0	.0	.0	100.0	8.7

TOTAL NO. OF OBS : 1258

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : NOV
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																
16 PT.	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN			
DIR.												%	WIND			
N	.6	2.9	2.8	1.4	.4	.1	.0	.0	.0	.0	.0	8.1	8.1			
NNE	.7	1.7	2.5	.6	.2	.0	.0	.0	.0	.0	.0	5.8	7.6			
NE	.5	1.7	1.4	.4	.2	.0	.0	.0	.0	.0	.0	4.1	7.2			
ENE	.3	.8	.6	.2	.0	.0	.0	.0	.0	.0	.0	1.8	6.0			
E	1.0	1.1	.7	.1	.0	.0	.0	.0	.0	.0	.0	2.9	5.3			
ESE	.4	2.5	1.3	.3	.0	.0	.0	.0	.0	.0	.0	4.4	6.2			
SE	1.5	2.9	3.7	1.2	.4	.0	.0	.0	.0	.0	.0	9.7	7.3			
SSE	.2	1.3	1.7	1.4	.3	.0	.0	.0	.0	.0	.0	4.8	9.1			
S	.2	.6	2.1	1.2	.4	.1	.0	.0	.0	.0	.0	4.4	10.4			
SSW	.1	.7	2.4	1.2	.2	.1	.0	.0	.0	.0	.0	4.7	10.2			
SW	.5	.7	2.6	1.5	.5	.2	.0	.0	.0	.0	.0	6.0	10.0			
WSW	.2	1.0	1.9	1.3	.6	.1	.0	.0	.0	.0	.0	5.1	10.5			
W	.4	1.4	2.6	1.4	.2	.0	.0	.0	.0	.0	.0	6.0	8.9			
WNW	.2	1.0	2.3	2.1	1.2	.3	.1	.0	.0	.0	.0	7.1	12.0			
NW	.7	2.0	3.4	4.4	1.4	1.3	.2	.0	.0	.0	.0	13.4	12.3			
NNW	.6	1.7	2.9	2.6	.9	.2	.0	.1	.0	.0	.0	9.1	10.1			
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
ALL	8.0	24.0	34.8	21.3	6.8	2.2	.2	.1	.0	.0	.0	100.0	5.1			

TOTAL NO. OF OBS : 1259

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : NOV
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL %	MEAN WIND SPEED
N	.9	2.7	2.3	1.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6	7.9
NNE	1.0	3.0	1.7	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	6.3
NE	1.2	.8	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	5.9
ENE	.6	.9	.6	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	6.7
E	.8	1.0	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.1
ESE	.7	1.2	1.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	6.4
SE	2.1	4.4	2.6	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0	6.2
SSE	.6	2.8	4.1	1.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5	8.3
S	.4	2.2	1.9	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	7.8
SSW	.4	1.2	1.4	1.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	8.4
SW	.2	1.7	1.4	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	8.2
WSW	.3	1.3	1.8	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	7.8
W	.3	2.8	2.1	1.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	7.9
WNW	.3	.7	1.6	1.9	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	11.9
NW	.2	1.9	3.5	3.4	2.0	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	12.1	12.4
NNW	.5	2.0	2.7	2.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.9	9.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	.0
ALL	10.5	30.6	30.1	17.7	4.4	1.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	100.0	8.0

TOTAL NO. OF OBS : 1259

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : NOV
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.		1	2	3	4	-	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN		
DIR.																			%	WIND
																				SPEED
N		1.1	2.8	1.7	.8		.3	.0	.1	.1	.0	.0	.0	.0	.0	.0	6.9	7.7		
NNE		.6	1.9	1.2	.4		.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.8		
NE		.2	1.5	.9	.4		.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	7.5		
ENE		.2	.6	.6	.2		.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	7.1		
E		.6	.8	.8	.3		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.5		
ESE		.3	.3	.9	.3		.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	8.3		
SE		.4	1.7	1.4	.4		.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.2	7.8		
SSE		2.0	2.2	1.9	1.0		.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	7.3	6.7		
S		2.5	4.1	3.1	1.0		.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	11.0	6.4		
SSW		1.6	2.2	2.4	1.4		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	6.9		
SW		1.0	1.1	1.8	.5		.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	7.6		
WSW		.5	.7	.2	.6		.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	7.5		
W		1.0	1.4	1.4	.7		.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	7.4		
WNW		.6	1.4	1.3	1.5		.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	5.5	9.8		
NW		1.0	1.9	1.8	2.4		1.0	.8	.1	.0	.0	.0	.0	.0	.0	.0	9.0	10.9		
NNW		1.0	2.3	3.0	1.9		.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	9.3	9.4		
VAR		.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CLM		.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.1	.0		
ALL		14.8	27.0	24.5	13.7		3.9	1.6	.2	.1	.0	.0	.0	.0	.0	.0	100.0	6.8		

TOTAL NO. OF OBS : 1259

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : NOV
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)																	
16 PT.	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN				
DIR.												#	WIND SPEED				
N	.7	1.8	1.8	.8	.2	.0	.0	.0	.0	.0	.0	5.4	7.9				
NNE	.4	1.0	.9	.7	.4	.0	.0	.0	.0	.0	.0	3.4	8.9				
NE	.4	1.2	1.4	.4	.2	.0	.0	.0	.0	.0	.0	3.5	7.5				
ENE	.2	1.4	1.3	.6	.0	.0	.0	.0	.0	.0	.0	3.5	7.4				
E	.4	1.4	1.0	.1	.1	.0	.0	.0	.0	.0	.0	2.9	6.1				
ESE	.0	.8	1.0	.5	.0	.1	.0	.0	.0	.0	.0	2.3	8.8				
SE	.6	1.0	1.0	.6	.1	.2	.0	.0	.0	.0	.0	3.3	8.4				
SSE	.7	2.2	1.3	.5	.2	.0	.0	.0	.0	.0	.0	4.8	6.8				
S	1.6	2.9	2.8	1.1	.3	.0	.0	.0	.0	.0	.0	8.7	7.2				
SSW	1.3	1.8	2.9	1.6	.1	.0	.0	.0	.0	.0	.0	7.6	7.7				
SW	.8	2.1	2.8	1.8	.2	.1	.0	.0	.0	.0	.0	7.9	8.4				
WSW	.8	.8	1.4	.4	.0	.0	.0	.0	.0	.0	.0	3.4	7.0				
W	.7	1.4	1.3	1.0	.0	.1	.0	.0	.0	.0	.0	4.4	7.9				
WNW	.9	2.1	2.5	1.8	.4	.0	.1	.0	.0	.0	.0	7.8	8.9				
NW	1.4	2.5	1.6	2.0	.9	.6	.2	.0	.0	.0	.0	9.1	10.2				
NNW	.6	2.7	2.9	2.5	1.0	.3	.2	.0	.0	.0	.0	10.2	10.0				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.8	.0				
ALL	11.4	27.1	27.6	16.3	4.0	1.4	.4	.0	.0	.0	.0	100.0	7.3				

TOTAL NO. OF OBS : 1259

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : NOV
 CLASS : ALL WEATHER HOUR : ALL
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

		SPEED (KNOTS)															TOTAL		MEAN	
16 PT. 1		1	-	3	4	-	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	WIND	SPEED	
DIR. 1	1																			
N	.7	2.1	2.2	1.1	.3	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	6.4	8.1		
NNE	.5	1.6	1.6	.7	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	7.8		
NE	.5	1.3	1.2	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	7.5		
ENE	.3	1.1	.8	.3	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.9		
E	.6	1.3	.8	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	6.0		
ESE	.4	1.0	.8	.3	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	7.3		
SE	.8	1.9	1.4	.6	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	7.2		
SSE	.7	1.4	1.5	.9	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	7.8		
S	1.0	2.1	2.1	1.0	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	7.5		
SSW	.7	1.6	2.3	1.4	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	8.3		
SW	.7	1.6	2.4	1.6	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	8.7		
WSW	.6	1.3	1.6	.9	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	8.2		
W	1.0	2.3	2.1	1.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	7.3		
WNW	.7	1.8	2.2	1.5	.6	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	9.5		
NW	1.1	2.6	2.7	2.6	1.2	.7	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	11.1	10.7		
NNW	.8	2.3	3.2	2.5	.8	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	10.0	10.0		
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3	.0		
ALL	11.1	27.2	29.0	17.0	4.6	1.5	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	100.0	7.7		

TOTAL NO. OF OBS : 10071

NOTES :
 * = PERCENT < .05

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : NOV
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	19.5	55.1	56.8	57.9	59.3	59.4	59.5	59.7	59.7	59.9	59.9	59.9	60.0	60.0	60.2	60.4
>=20000	19.6	57.4	59.2	60.5	61.8	61.9	62.1	62.2	62.2	62.5	62.5	62.5	62.6	62.6	62.7	63.1
>=18000	19.7	57.6	59.4	60.6	62.0	62.1	62.2	62.4	62.4	62.7	62.7	62.7	62.7	62.7	62.7	63.2
>=16000	19.8	57.7	59.4	60.7	62.1	62.2	62.3	62.5	62.5	62.7	62.7	62.7	62.8	62.8	63.0	63.3
>=14000	19.8	58.0	59.8	61.0	62.4	62.5	62.7	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.3	63.6
>=12000	20.1	58.9	60.7	62.0	63.5	63.5	63.7	63.9	63.9	64.1	64.1	64.1	64.2	64.2	64.3	64.7
>=10000	20.7	61.6	63.5	64.9	66.4	66.5	66.7	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.3	67.7
>= 9000	20.8	61.8	63.8	65.1	66.7	66.8	67.0	67.1	67.1	67.4	67.4	67.4	67.5	67.5	67.6	68.0
>= 8000	21.5	65.3	67.6	69.1	70.8	70.9	71.1	71.2	71.2	71.5	71.5	71.5	71.6	71.6	71.7	72.1
>= 7000	21.8	66.3	68.7	70.2	71.9	72.0	72.2	72.4	72.4	72.6	72.6	72.6	72.7	72.7	72.9	73.3
>= 6000	22.2	68.1	70.6	72.1	73.8	74.0	74.1	74.3	74.3	74.5	74.5	74.5	74.6	74.6	74.8	75.2
>= 5000	22.7	69.9	72.4	74.0	75.7	75.8	76.0	76.1	76.1	76.4	76.4	76.4	76.5	76.5	76.6	77.0
>= 4500	22.9	70.8	73.3	74.9	76.8	76.9	77.1	77.3	77.3	77.5	77.5	77.5	77.6	77.6	77.8	78.2
>= 4000	23.2	72.4	75.0	76.7	78.6	78.7	78.9	79.0	79.0	79.3	79.3	79.3	79.4	79.4	79.5	79.9
>= 3500	23.4	73.8	76.4	78.1	79.9	80.1	80.2	80.4	80.4	80.6	80.6	80.6	80.7	80.7	80.9	81.3
>= 3000	23.5	76.2	79.0	80.6	82.6	82.7	82.9	83.1	83.1	83.3	83.3	83.3	83.4	83.4	83.5	83.9
>= 2500	23.6	78.0	81.0	82.8	84.7	84.9	85.1	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.7	86.1
>= 2000	23.8	78.8	81.9	84.1	86.0	86.3	86.4	86.6	86.6	86.8	86.8	86.8	86.9	86.9	87.1	87.5
>= 1800	23.9	79.2	82.5	84.8	86.8	87.1	87.2	87.4	87.4	87.6	87.6	87.6	87.7	87.7	87.9	88.3
>= 1500	24.0	79.4	83.1	85.7	87.8	88.0	88.2	88.4	88.4	88.6	88.6	88.6	88.7	88.7	88.8	89.2
>= 1200	24.1	80.0	83.9	86.7	88.9	89.2	89.3	89.5	89.5	89.7	89.7	89.7	89.8	89.8	90.0	90.4
>= 1000	24.1	80.5	84.7	87.7	90.0	90.4	90.6	90.8	90.8	91.0	91.0	91.0	91.1	91.1	91.2	91.6
>= 900	24.1	80.6	84.9	88.1	90.4	90.8	91.0	91.2	91.2	91.5	91.5	91.5	91.6	91.6	91.7	92.1
>= 800	24.1	80.9	85.2	88.6	91.0	91.3	91.6	91.8	91.8	92.1	92.1	92.1	92.2	92.2	92.4	92.8
>= 700	24.1	81.3	85.6	89.1	91.6	92.0	92.4	92.7	92.7	93.0	93.0	93.0	93.1	93.1	93.3	93.7
>= 600	24.1	81.4	85.9	89.3	92.0	92.4	92.9	93.2	93.2	93.5	93.5	93.5	93.6	93.6	93.7	94.1
>= 500	24.1	81.5	86.1	90.0	92.9	93.5	94.1	94.4	94.4	94.7	94.7	94.7	94.8	94.8	94.9	95.3
>= 400	24.1	81.6	86.3	90.5	93.5	94.4	95.0	95.3	95.3	95.7	95.7	95.8	95.9	95.9	96.1	96.5
>= 300	24.1	81.8	86.6	90.8	93.7	94.8	95.7	96.1	96.1	96.5	96.5	96.6	96.7	96.7	96.9	97.3
>= 200	24.1	81.8	86.6	90.9	94.0	95.0	96.5	97.0	97.0	97.6	97.8	97.9	98.1	98.1	98.2	98.8
>= 100	24.1	81.8	86.6	90.9	94.0	95.0	96.5	97.0	97.0	97.7	98.0	98.2	98.4	98.4	98.6	99.3
>= 0	24.1	81.8	86.6	90.9	94.0	95.0	96.5	97.0	97.0	97.7	98.0	98.2	98.5	98.5	98.8	100.0

TOTAL NO. OF OBS : 1245

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : NOV
HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=1 1/4	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	18.3	53.2	55.7	56.2	57.1	57.5	58.0	58.3	58.4	58.4	58.4	58.5	58.6	58.7	58.7	59.2
>=20000	18.5	55.3	57.8	58.4	59.4	59.7	60.3	60.5	60.6	60.7	60.9	60.9	60.9	61.0	61.0	61.6
>=18000	18.5	55.4	58.0	58.6	59.6	60.0	60.5	60.8	60.9	60.9	61.1	61.1	61.2	61.3	61.3	61.8
>=16000	18.6	55.6	58.2	58.8	59.8	60.1	60.7	60.9	61.0	61.1	61.3	61.3	61.3	61.4	61.4	62.0
>=14000	18.6	55.6	58.2	58.8	59.9	60.2	60.8	61.0	61.1	61.2	61.3	61.3	61.4	61.5	61.5	62.1
>=12000	18.9	56.5	59.2	59.8	60.9	61.2	61.7	62.0	62.1	62.1	62.3	62.3	62.4	62.5	62.5	63.1
>=10000	19.4	58.9	61.8	62.6	63.8	64.2	64.7	65.0	65.1	65.2	65.4	65.4	65.5	65.5	65.5	66.2
>=9000	19.6	59.4	62.3	63.2	64.4	64.8	65.4	65.6	65.7	65.9	66.0	66.0	66.1	66.2	66.2	66.8
>=8000	20.4	62.9	66.2	67.2	68.4	68.8	69.4	69.7	69.7	69.9	70.1	70.1	70.1	70.2	70.2	70.9
>=7000	20.4	63.6	67.1	68.1	69.4	69.8	70.4	70.6	70.7	70.9	71.0	71.1	71.1	71.2	71.2	71.8
>=6000	21.1	65.0	68.5	69.6	70.9	71.3	71.8	72.1	72.2	72.3	72.5	72.5	72.6	72.6	72.6	73.3
>=5000	21.5	66.7	70.5	71.7	73.1	73.5	74.1	74.3	74.4	74.6	74.7	74.7	74.8	74.9	74.9	75.5
>=4500	21.8	67.9	71.8	73.0	74.4	74.8	75.4	75.6	75.7	75.9	76.0	76.1	76.2	76.2	76.2	76.8
>=4000	22.0	69.5	73.4	74.8	76.4	76.8	77.3	77.6	77.6	77.8	78.0	78.0	78.1	78.1	78.1	78.8
>=3500	22.0	70.5	74.5	75.9	77.5	77.9	78.5	78.7	78.8	78.9	79.1	79.2	79.3	79.3	79.3	79.9
>=3000	22.2	72.4	76.8	78.3	80.1	80.5	81.1	81.4	81.4	81.6	81.8	81.8	81.9	81.9	81.9	82.6
>=2500	22.5	73.9	78.5	80.1	81.9	82.4	83.1	83.3	83.4	83.5	83.7	83.7	83.8	83.9	83.9	84.5
>=2000	22.7	74.9	79.7	81.4	83.3	83.8	84.4	84.7	84.7	84.9	85.1	85.1	85.2	85.2	85.2	85.9
>=1800	22.8	75.0	79.9	81.6	83.5	84.0	84.7	84.9	85.0	85.1	85.3	85.3	85.4	85.5	85.5	86.1
>=1500	22.8	75.2	80.3	82.5	84.5	85.0	85.6	85.9	86.0	86.1	86.3	86.3	86.4	86.4	86.4	87.1
>=1200	22.9	75.8	81.0	83.4	85.8	86.3	87.0	87.2	87.3	87.5	87.7	87.7	87.8	87.8	87.8	88.5
>=1000	22.9	76.7	82.2	84.7	87.2	87.7	88.5	88.7	88.8	88.9	89.1	89.1	89.2	89.3	89.3	90.0
>=900	23.0	77.0	82.6	85.1	87.7	88.2	89.1	89.3	89.4	89.6	89.7	89.7	89.8	89.9	89.9	90.6
>=800	23.0	77.2	82.9	85.8	88.5	89.1	90.0	90.2	90.3	90.5	90.6	90.6	90.7	90.8	90.8	91.6
>=700	23.2	77.7	83.5	86.6	89.5	90.2	91.2	91.4	91.5	91.7	91.8	91.8	91.9	92.0	92.0	92.8
>=600	23.2	78.4	84.3	87.4	90.3	91.0	92.2	92.5	92.6	92.7	92.9	92.9	93.0	93.1	93.1	93.9
>=500	23.2	78.5	84.5	87.9	91.0	91.8	93.0	93.3	93.4	93.6	93.9	93.9	94.0	94.1	94.1	94.9
>=400	23.2	78.6	84.9	88.5	91.8	92.7	94.0	94.7	94.8	95.0	95.2	95.3	95.5	95.6	95.6	96.4
>=300	23.2	78.6	84.9	88.7	92.3	93.1	94.7	95.3	95.4	95.6	95.9	96.0	96.2	96.3	96.3	97.1
>=200	23.2	78.6	84.9	88.8	92.6	93.5	95.2	96.0	96.1	96.5	96.8	96.9	97.2	97.3	97.4	98.2
>=100	23.2	78.6	84.9	88.8	92.6	93.5	95.3	96.1	96.2	96.6	96.9	97.1	97.6	97.7	97.8	98.8
>= 0	23.2	78.6	84.9	88.8	92.6	93.5	95.3	96.1	96.2	96.6	97.0	97.2	97.7	97.8	98.0	100.0

TOTAL NO. OF OBS : 1239

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : NOV
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2
UNLIMIT	16.2	42.8	46.2	48.8	49.9	50.2	50.8	51.3	51.3	51.3	51.3	51.3	51.3	51.5	51.5	51.7
>=20000	16.6	45.9	49.6	52.3	53.6	54.1	54.7	55.1	55.2	55.2	55.2	55.2	55.2	55.4	55.4	55.6
>=18000	16.7	46.0	49.7	52.5	53.8	54.2	54.9	55.3	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.8
>=16000	16.7	46.2	50.0	52.7	54.0	54.5	55.1	55.5	55.6	55.6	55.6	55.6	55.6	55.8	55.8	56.0
>=14000	16.9	46.4	50.1	52.9	54.2	54.6	55.3	55.7	55.8	55.8	55.8	55.8	55.8	55.9	55.9	56.2
>=12000	17.2	47.4	51.2	53.9	55.2	55.7	56.4	56.8	56.9	56.9	56.9	56.9	56.9	57.1	57.1	57.3
>=10000	17.8	49.8	53.9	56.9	58.3	58.9	59.6	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.5
>= 9000	17.9	50.2	54.3	57.4	58.8	59.3	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.7	60.7	61.0
>= 8000	19.0	54.6	58.8	62.1	63.6	64.3	65.2	65.7	65.8	65.8	65.8	65.8	65.8	66.0	66.0	66.2
>= 7000	19.5	56.2	60.5	63.9	65.6	66.3	67.2	67.7	67.7	67.7	67.7	67.7	67.7	67.9	67.9	68.1
>= 6000	20.0	57.6	61.9	65.4	67.1	67.9	68.8	69.3	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.8
>= 5000	20.4	58.8	63.4	66.9	68.6	69.5	70.4	70.9	71.0	71.0	71.0	71.0	71.0	71.2	71.2	71.5
>= 4500	20.7	59.8	64.7	68.4	70.1	71.0	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.7	72.7	72.9
>= 4000	21.3	61.8	66.9	70.9	72.7	73.6	74.5	74.9	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.5
>= 3500	21.3	62.3	67.4	71.5	73.3	74.2	75.1	75.6	75.7	75.7	75.7	75.7	75.7	75.9	75.9	76.2
>= 3000	22.1	64.5	69.8	74.1	76.0	76.9	77.9	78.4	78.5	78.5	78.5	78.5	78.5	78.8	78.8	79.1
>= 2500	22.4	66.1	71.5	76.0	78.1	79.0	80.0	80.5	80.6	80.6	80.6	80.6	80.6	80.9	80.9	81.2
>= 2000	22.9	67.4	73.2	77.9	80.5	81.5	82.6	83.1	83.2	83.2	83.2	83.2	83.2	83.5	83.5	83.8
>= 1800	23.0	67.7	73.6	78.3	80.8	81.8	82.9	83.5	83.6	83.6	83.6	83.6	83.6	83.9	83.9	84.2
>= 1500	23.2	68.7	74.5	79.7	82.5	83.4	84.6	85.2	85.3	85.3	85.3	85.3	85.3	85.7	85.7	86.0
>= 1200	23.4	69.3	75.1	80.3	83.2	84.2	85.4	85.9	86.0	86.0	86.0	86.0	86.0	86.4	86.4	86.7
>= 1000	23.4	69.8	75.7	81.3	84.2	85.3	86.7	87.3	87.5	87.5	87.5	87.5	87.5	87.9	87.9	88.2
>= 900	23.5	70.1	76.2	81.8	84.8	85.9	87.3	88.0	88.1	88.1	88.1	88.1	88.1	88.6	88.6	88.9
>= 800	23.7	70.7	76.7	82.6	85.8	87.0	88.5	89.2	89.4	89.4	89.4	89.4	89.4	89.9	89.9	90.2
>= 700	23.8	70.7	77.0	83.0	86.3	87.6	89.2	90.0	90.1	90.1	90.1	90.1	90.1	90.7	90.7	91.0
>= 600	23.8	71.0	77.5	83.8	87.3	88.8	90.6	91.4	91.6	91.6	91.6	91.6	91.6	92.2	92.2	92.5
>= 500	23.8	71.2	77.9	84.3	88.0	89.4	91.6	92.6	92.7	92.7	92.7	92.7	92.7	93.5	93.5	93.8
>= 400	23.8	71.4	78.2	84.6	88.7	90.2	92.5	93.7	93.9	93.9	93.9	93.9	93.9	94.7	94.7	95.1
>= 300	23.8	71.5	78.3	84.8	88.9	90.5	92.9	94.2	94.3	94.3	94.3	94.3	94.3	95.1	95.1	95.4
>= 200	23.8	71.5	78.3	84.9	89.2	90.9	93.3	94.6	94.7	94.7	94.7	94.7	94.7	95.6	95.6	96.1
>= 100	23.8	71.5	78.3	84.9	89.2	90.9	93.3	94.6	94.7	94.7	94.7	94.7	94.7	95.7	95.7	96.2
>= 0	23.8	71.5	78.3	84.9	89.2	90.9	93.3	94.6	94.7	94.7	94.7	94.7	94.7	95.7	95.7	96.2

TOTAL NO. OF OBS : 1237

013721 : PATUXENT RIVER. MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : NOV
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.6	46.6	48.0	50.0	50.4	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.1	51.2
>=20000	23.4	50.6	52.2	54.3	54.8	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.6
>=15000	23.6	50.9	52.6	54.7	55.2	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	56.0
>=14000	23.7	51.3	52.9	55.0	55.5	55.9	55.9	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.2	56.3
>=13000	24.0	51.8	53.4	55.5	56.0	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7
>=12000	24.6	53.1	54.8	57.0	57.5	57.9	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.4
>=11000	25.3	56.2	57.9	60.4	61.1	61.6	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.2
>=9000	25.4	56.4	58.2	60.6	61.4	61.9	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.4
>=8000	26.9	61.3	63.3	66.0	66.8	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.9
>=7000	27.7	62.7	64.8	67.7	68.5	69.0	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.6
>=6000	28.4	64.1	66.3	69.3	70.2	70.7	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.1	71.2
>=5000	29.0	65.8	68.1	71.1	72.0	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.2
>=4500	29.3	66.9	69.2	72.4	73.3	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.5
>=4000	29.7	68.2	70.8	74.1	75.1	75.6	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.2
>=3500	30.0	69.4	72.0	75.4	76.4	76.9	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.5
>=3000	30.6	71.7	74.7	78.3	79.5	80.1	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.6	80.8
>=2500	31.1	73.2	76.2	79.8	81.0	81.6	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.1	82.2
>=2000	31.1	74.8	78.1	81.8	83.2	83.9	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.6	84.8
>=1800	31.1	75.0	78.2	82.0	83.4	84.1	84.4	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.8	84.9
>=1500	31.2	75.8	79.3	83.2	84.8	85.5	86.0	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.4	86.6
>=1200	31.3	76.3	79.9	83.9	85.7	86.5	87.0	87.3	87.4	87.4	87.6	87.6	87.6	87.6	87.7	87.9
>=1000	31.4	77.0	81.1	85.2	87.2	88.0	88.6	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.3	89.5
>=900	31.4	77.4	81.6	85.9	88.0	88.8	89.4	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.3
>=800	31.5	77.8	82.2	86.6	88.8	89.8	90.5	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.4	91.5
>=700	31.5	78.1	82.6	87.0	89.4	90.5	91.1	91.6	91.7	92.0	92.3	92.3	92.3	92.3	92.3	92.5
>=600	31.5	78.2	82.9	87.4	90.3	91.4	92.3	93.0	93.1	93.4	93.6	93.6	93.6	93.6	93.7	93.9
>=500	31.5	78.5	83.3	87.9	91.2	92.4	93.2	94.1	94.1	94.7	94.9	94.9	94.9	94.9	95.0	95.2
>=400	31.5	78.6	83.5	88.3	91.9	93.4	94.4	95.5	95.6	96.4	96.7	96.7	96.7	96.7	96.9	97.1
>=300	31.5	78.6	83.5	88.3	92.1	93.6	94.8	96.1	96.2	97.1	97.4	97.4	97.6	97.6	98.0	98.1
>=200	31.5	78.6	83.5	88.3	92.2	93.7	94.9	96.3	96.3	97.3	97.9	97.9	98.1	98.2	98.9	99.1
>=100	31.5	78.6	83.5	88.3	92.2	93.7	94.9	96.3	96.3	97.3	98.0	98.0	98.2	98.3	99.0	99.6
>=0	31.5	78.6	83.5	88.3	92.2	93.7	94.9	96.3	96.3	97.3	98.0	98.0	98.2	98.3	99.0	100.0

TOTAL NO. OF OBS : 1227

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : NOV
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2
UNLIMIT	24.9	46.5	48.3	49.3	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9
>=20000	26.2	52.1	54.0	55.0	55.4	55.4	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8
>=18000	26.2	52.1	54.1	55.1	55.5	55.5	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9
>=16000	26.6	52.6	54.5	55.5	55.9	55.9	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3
>=14000	27.1	53.6	55.6	56.7	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
>=12000	27.7	55.4	57.5	58.6	59.0	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4
>=10000	29.0	59.0	61.5	62.8	63.4	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8
>= 9000	29.0	59.4	61.9	63.2	63.9	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3
>= 8000	29.8	62.7	65.3	66.9	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3
>= 7000	30.2	63.6	66.4	68.2	69.1	69.1	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6
>= 6000	30.6	64.4	67.2	69.1	70.0	70.1	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6
>= 5000	31.2	66.0	68.8	70.7	71.8	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.4
>= 4500	31.4	66.7	69.6	71.8	72.9	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4
>= 4000	32.3	69.0	71.9	74.1	75.2	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.9
>= 3500	32.8	70.0	73.3	75.6	76.8	76.9	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.5
>= 3000	34.2	74.3	77.6	80.0	81.4	81.5	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.2
>= 2500	35.0	76.3	79.7	82.1	83.5	83.6	83.9	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.3
>= 2000	36.1	78.4	81.8	84.6	86.1	86.3	86.8	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.2	87.3
>= 1800	36.1	78.5	82.2	84.9	86.6	86.7	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.7
>= 1500	36.6	79.9	83.7	86.6	88.3	88.4	88.9	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.4
>= 1200	36.7	80.4	84.6	87.5	89.2	89.4	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.5
>= 1000	36.9	81.4	85.8	89.2	91.1	91.4	92.1	92.3	92.3	92.3	92.6	92.6	92.6	92.7	92.7	92.7
>= 900	36.9	81.4	86.0	89.4	91.3	91.7	92.3	92.6	92.6	92.6	92.8	92.8	92.8	92.9	92.9	93.0
>= 800	36.9	81.6	86.3	89.8	91.7	92.2	92.9	93.2	93.2	93.2	93.4	93.4	93.4	93.5	93.5	93.6
>= 700	36.9	81.9	86.7	90.3	92.2	92.9	94.0	94.4	94.4	94.4	94.7	94.7	94.7	94.8	94.8	94.9
>= 600	36.9	81.9	86.9	90.8	93.2	93.8	95.0	95.5	95.5	95.5	96.0	96.0	96.0	96.0	96.0	96.1
>= 500	36.9	82.0	87.1	91.0	93.9	94.6	96.1	96.9	96.9	96.9	97.4	97.4	97.4	97.5	97.5	97.7
>= 400	36.9	82.0	87.1	91.0	94.0	94.7	96.7	97.6	97.6	97.6	98.3	98.3	98.3	98.4	98.5	98.7
>= 300	36.9	82.0	87.2	91.2	94.1	94.9	96.9	97.9	97.9	97.9	98.8	98.8	98.9	98.9	99.1	99.5
>= 200	36.9	82.0	87.2	91.2	94.2	95.0	97.1	98.2	98.3	98.3	99.1	99.1	99.3	99.3	99.4	99.9
>= 100	36.9	82.0	87.2	91.2	94.2	95.0	97.1	98.2	98.3	98.3	99.1	99.1	99.3	99.3	99.4	100.0
>= 0	36.9	82.0	87.2	91.2	94.2	95.0	97.1	98.2	98.3	98.3	99.1	99.1	99.3	99.3	99.4	100.0

TOTAL NO. OF OPS : 1212

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : NOV
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.7	47.9	49.4	50.4	50.7	50.9	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
>=20000	25.7	53.4	55.4	56.4	56.7	56.9	57.0	57.0	57.0	57.0	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2
>=18000	25.9	53.8	55.7	56.7	57.0	57.2	57.3	57.4	57.4	57.4	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6
>=16000	26.3	54.2	56.1	57.1	57.4	57.6	57.7	57.8	57.8	57.8	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0
>=14000	26.5	54.9	56.9	57.9	58.2	58.3	58.4	58.5	58.5	58.5	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8
>=12000	27.3	56.8	58.8	59.7	60.1	60.2	60.3	60.4	60.4	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6
>=10000	28.1	60.1	62.4	63.3	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.5	64.6	64.6	64.6	64.6	64.6	64.6
>=9000	28.2	60.6	63.0	64.0	64.6	64.8	64.9	65.0	65.0	65.0	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2
>=8000	29.1	65.1	68.0	69.1	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4
>=7000	29.4	66.6	69.6	70.7	71.5	71.7	71.8	71.8	71.8	71.8	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1
>=6000	29.9	67.6	70.5	71.8	72.7	72.8	72.9	73.0	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2
>=5000	30.4	69.5	72.5	73.8	74.6	74.8	74.9	75.0	75.0	75.0	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2
>=4500	30.5	70.4	73.6	75.0	75.9	76.1	76.2	76.3	76.3	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5
>=4000	31.9	73.1	76.7	78.3	79.2	79.5	79.5	79.6	79.6	79.6	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9
>=3500	32.2	74.1	77.7	79.5	80.4	80.6	80.7	80.8	80.8	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0
>=3000	33.2	77.7	81.3	83.4	84.8	85.1	85.3	85.4	85.4	85.4	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7
>=2500	33.6	78.6	82.3	84.5	86.1	86.4	86.6	86.7	86.7	86.7	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0
>=2000	34.2	79.8	83.6	85.9	87.7	88.1	88.3	88.5	88.5	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7
>=1800	34.2	80.0	83.8	86.2	88.1	88.5	88.7	88.9	88.9	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1
>=1500	34.5	81.0	84.9	87.5	89.4	89.9	90.2	90.3	90.3	90.3	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6
>=1200	34.6	81.4	85.6	88.2	90.6	91.1	91.4	91.6	91.6	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8
>=1000	34.7	82.2	86.7	89.4	91.7	92.4	92.8	93.0	93.0	93.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3
>=900	34.8	82.4	87.0	89.8	92.1	92.8	93.3	93.5	93.5	93.5	93.5	93.7	93.9	93.9	93.9	93.9	93.9	93.9
>=800	34.8	82.6	87.2	90.1	92.8	93.5	94.1	94.4	94.4	94.4	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8
>=700	34.8	82.6	87.5	90.5	93.3	94.0	94.8	95.1	95.1	95.1	95.1	95.3	95.6	95.6	95.6	95.6	95.6	95.6
>=600	34.8	82.7	87.6	90.7	93.5	94.3	95.1	95.5	95.5	95.5	95.5	95.7	96.0	96.0	96.0	96.0	96.0	96.0
>=500	34.8	83.1	88.0	91.0	94.2	94.9	95.9	96.5	96.5	96.5	96.5	96.8	97.1	97.1	97.1	97.1	97.1	97.1
>=400	34.8	83.1	88.1	91.2	94.4	95.3	96.5	97.1	97.1	97.1	97.1	97.2	97.8	98.0	98.0	98.0	98.1	98.1
>=300	34.8	83.1	88.1	91.2	94.5	95.4	96.8	97.6	97.6	97.6	97.6	97.7	98.4	98.6	98.6	98.6	98.8	98.8
>=200	34.8	83.1	88.1	91.2	94.6	95.5	97.0	97.9	98.0	98.0	98.0	98.6	98.9	98.9	99.0	99.0	99.4	99.4
>=100	34.8	83.1	88.1	91.2	94.7	95.6	97.1	98.0	98.0	98.0	98.0	98.7	98.9	98.9	99.1	99.1	99.6	99.8
>=0	34.8	83.1	88.1	91.2	94.7	95.6	97.1	98.0	98.0	98.1	98.1	98.8	99.0	99.0	99.2	99.2	99.7	100.0

TOTAL NO. OF OBS : 1222

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER. MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : NOV
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	20.1	51.6	53.6	54.4	55.1	55.1	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6
>=20000	20.3	55.4	57.5	58.3	59.1	59.1	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6
>=18000	20.3	55.4	57.5	58.3	59.1	59.1	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6
>=16000	20.5	55.8	57.9	58.8	59.5	59.5	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0
>=14000	20.5	56.2	58.2	59.1	59.8	59.8	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3
>=12000	20.9	57.5	59.6	60.5	61.3	61.3	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8
>=10000	21.8	61.5	63.9	65.0	65.9	65.9	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4
>= 9000	22.1	62.1	64.4	65.7	66.6	66.6	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1
>= 8000	22.8	66.6	69.3	70.9	71.8	71.8	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
>= 7000	22.9	67.8	70.7	72.5	73.4	73.4	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1
>= 6000	23.4	69.0	72.0	73.9	74.8	74.8	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
>= 5000	23.8	71.2	74.1	76.0	76.9	76.9	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6
>= 4500	24.0	72.4	75.5	77.4	78.4	78.4	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0
>= 4000	24.6	75.2	78.4	80.4	81.4	81.4	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1
>= 3500	24.9	76.0	79.3	81.4	82.4	82.4	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1
>= 3000	25.3	78.7	82.3	84.4	85.7	85.7	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4
>= 2500	25.4	79.5	83.4	86.0	87.3	87.3	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0
>= 2000	25.6	80.1	84.4	87.3	88.7	88.7	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4
>= 1800	25.6	80.3	84.7	87.7	89.1	89.1	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8
>= 1500	25.8	81.0	85.7	88.8	90.3	90.3	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1
>= 1200	25.8	81.4	86.2	89.5	91.0	91.1	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
>= 1000	25.8	82.1	87.3	90.6	92.5	92.6	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6
>= 900	25.8	82.2	87.4	90.8	92.8	92.9	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0
>= 800	25.8	82.3	87.6	91.2	93.2	93.5	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6
>= 700	25.8	82.3	87.8	91.4	93.5	93.8	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0
>= 600	25.8	82.4	87.8	91.7	94.3	94.7	95.5	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
>= 500	25.8	82.5	88.0	92.1	94.7	95.1	95.9	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
>= 400	25.8	82.5	88.0	92.1	95.1	95.6	96.7	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.5
>= 300	25.8	82.5	88.0	92.4	95.5	96.0	97.3	97.9	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.5
>= 200	25.8	82.5	88.0	92.4	95.6	96.2	97.6	98.2	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.9
>= 100	25.8	82.5	88.0	92.4	95.6	96.2	97.6	98.3	98.3	98.9	99.0	99.1	99.1	99.2	99.2	99.6
>= 0	25.8	82.5	88.0	92.4	95.6	96.2	97.6	98.4	98.4	98.9	99.1	99.2	99.3	99.4	99.4	100.0

TOTAL NO. OF OBS : 1234

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : NOV
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0	>=0
UNLIMIT	20.8	54.8	56.0	56.8	57.4	57.6	57.8	58.2	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5
>=20000	20.8	57.0	58.2	59.1	59.8	59.9	60.2	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.9
>=18000	20.8	57.0	58.2	59.1	59.8	59.9	60.2	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.9
>=16000	20.9	57.2	58.4	59.3	59.9	60.1	60.3	60.7	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.1
>=14000	21.2	57.7	58.9	59.9	60.6	60.7	61.0	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.7
>=12000	21.6	59.4	60.6	61.6	62.3	62.4	62.7	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.4
>=10000	22.6	62.7	64.2	65.3	66.2	66.3	66.6	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.3
>=9000	22.8	63.0	64.5	65.7	66.6	66.7	67.0	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.7
>=8000	23.0	65.9	67.6	68.8	69.8	70.0	70.2	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1
>=7000	23.5	68.0	69.9	71.2	72.2	72.4	72.6	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.5
>=6000	23.8	69.1	71.1	72.4	73.4	73.6	73.8	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.7
>=5000	24.1	71.0	73.3	74.7	75.7	75.9	76.1	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.0
>=4500	24.4	72.4	74.7	76.0	77.2	77.3	77.6	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.5
>=4000	24.9	74.5	76.8	78.5	79.6	79.8	80.0	80.5	80.6	80.7	80.7	80.8	80.8	80.8	80.8	81.0
>=3500	25.0	75.4	78.1	79.7	80.9	81.1	81.3	81.8	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.3
>=3000	25.2	78.1	81.4	83.2	84.4	84.5	84.8	85.3	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.7
>=2500	25.2	78.9	82.3	84.3	85.6	85.8	86.1	86.6	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.1
>=2000	25.3	79.8	83.7	85.9	87.3	87.5	87.8	88.3	88.3	88.6	88.6	88.7	88.7	88.7	88.7	88.8
>=1800	25.3	79.8	83.8	86.0	87.4	87.6	87.9	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.9
>=1500	25.3	80.3	84.6	87.0	88.4	88.7	89.0	89.5	89.5	89.8	89.8	89.9	89.9	89.9	89.9	90.0
>=1200	25.3	81.3	85.6	88.1	89.6	89.9	90.1	90.6	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.2
>=1000	25.3	81.8	86.2	88.9	90.4	90.8	91.2	91.7	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.3
>=900	25.3	81.9	86.5	89.1	90.7	91.1	91.5	92.0	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.6
>=800	25.3	82.3	87.0	90.0	91.5	92.0	92.5	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.6
>=700	25.3	82.4	87.4	90.4	92.0	92.6	93.2	93.8	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.4
>=600	25.4	82.5	87.6	90.9	92.7	93.4	94.0	94.6	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.3
>=500	25.4	82.8	88.1	91.5	93.4	94.3	95.1	95.7	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.4
>=400	25.4	83.0	88.3	91.8	93.9	95.1	96.1	96.8	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.6
>=300	25.4	83.1	88.3	91.9	94.1	95.3	96.4	97.1	97.1	97.7	97.7	97.8	97.8	97.8	97.8	98.0
>=200	25.4	83.2	88.5	92.1	94.4	95.6	96.8	97.6	97.6	98.4	98.5	98.7	98.7	98.9	99.1	99.1
>=100	25.4	83.2	88.5	92.1	94.4	95.6	96.8	97.7	97.7	98.6	98.9	99.1	99.1	99.4	99.4	99.6
>=0	25.4	83.2	88.5	92.1	94.4	95.6	96.8	97.7	97.7	98.6	98.9	99.2	99.2	99.5	99.5	100.0

TOTAL NO. OF OBS : 1235

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : NOV
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	20.9	49.8	51.8	53.0	53.7	53.9	54.2	54.3	54.4	54.5	54.5	54.5	54.6	54.6	54.6	54.8
>=20000	21.4	53.4	55.5	56.8	57.6	57.8	58.1	58.2	58.3	58.3	58.4	58.4	58.5	58.5	58.6	58.8
>=18000	21.4	53.5	55.7	57.0	57.8	58.0	58.2	58.4	58.5	58.5	58.6	58.6	58.7	58.7	58.7	58.9
>=16000	21.6	53.8	55.9	57.2	58.0	58.2	58.5	58.7	58.7	58.8	58.9	58.9	58.9	58.9	59.0	59.2
>=14000	21.8	54.3	56.4	57.7	58.5	58.7	59.0	59.2	59.2	59.3	59.4	59.4	59.4	59.4	59.5	59.7
>=12000	22.3	55.6	57.8	59.2	60.0	60.2	60.5	60.7	60.7	60.8	60.8	60.8	60.9	60.9	61.0	61.2
>=10000	23.0	58.7	61.1	62.7	63.6	63.9	64.2	64.4	64.4	64.5	64.6	64.6	64.6	64.6	64.7	64.9
>= 9000	23.2	59.1	61.6	63.1	64.1	64.4	64.7	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.2	65.4
>= 8000	24.0	63.0	65.8	67.5	68.6	68.9	69.2	69.4	69.5	69.6	69.6	69.7	69.7	69.7	69.8	70.0
>= 7000	24.4	64.3	67.2	69.1	70.2	70.5	70.8	71.0	71.1	71.2	71.2	71.3	71.3	71.3	71.4	71.6
>= 6000	24.9	65.6	68.5	70.4	71.6	71.9	72.2	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.8	73.0
>= 5000	25.4	67.4	70.4	72.4	73.6	73.9	74.2	74.4	74.5	74.6	74.6	74.6	74.7	74.7	74.8	75.0
>= 4500	25.6	68.4	71.5	73.6	74.9	75.2	75.5	75.7	75.8	75.9	75.9	75.9	76.0	76.0	76.1	76.3
>= 4000	26.2	70.5	73.7	76.0	77.3	77.6	77.9	78.2	78.2	78.3	78.4	78.4	78.4	78.4	78.5	78.8
>= 3500	26.4	71.4	74.8	77.1	78.4	78.8	79.1	79.3	79.4	79.5	79.5	79.5	79.6	79.6	79.7	79.9
>= 3000	27.0	74.2	77.8	80.3	81.8	82.1	82.5	82.8	82.8	82.9	83.0	83.0	83.1	83.1	83.1	83.4
>= 2500	27.3	75.6	79.4	81.9	83.5	83.9	84.3	84.5	84.5	84.7	84.8	84.8	84.8	84.8	84.9	85.2
>= 2000	27.7	76.7	80.8	83.6	85.4	85.8	86.2	86.5	86.5	86.6	86.7	86.7	86.8	86.8	86.9	87.1
>= 1800	27.7	76.9	81.1	83.9	85.7	86.1	86.6	86.8	86.9	87.0	87.1	87.1	87.1	87.1	87.2	87.5
>= 1500	27.9	77.7	82.0	85.1	87.0	87.4	87.9	88.2	88.2	88.3	88.4	88.4	88.5	88.5	88.6	88.9
>= 1200	28.0	78.2	82.7	85.9	88.0	88.4	89.0	89.3	89.3	89.4	89.5	89.5	89.6	89.6	89.7	90.0
>= 1000	28.0	78.9	83.7	87.1	89.3	89.8	90.4	90.8	90.8	91.0	91.1	91.1	91.2	91.2	91.2	91.5
>= 900	28.1	79.1	84.0	87.5	89.7	90.3	90.9	91.2	91.3	91.5	91.6	91.6	91.7	91.7	91.8	92.0
>= 800	28.1	79.4	84.4	88.1	90.4	91.0	91.8	92.1	92.2	92.4	92.5	92.5	92.6	92.6	92.7	92.9
>= 700	28.1	79.6	84.7	88.5	91.0	91.7	92.5	93.0	93.0	93.3	93.4	93.4	93.5	93.5	93.6	93.8
>= 600	28.1	79.8	85.1	89.0	91.7	92.5	93.4	93.9	94.0	94.3	94.4	94.4	94.5	94.5	94.5	94.8
>= 500	28.1	80.0	85.4	89.5	92.4	93.2	94.3	94.9	95.0	95.4	95.5	95.5	95.6	95.6	95.7	96.0
>= 400	28.1	80.1	85.5	89.7	92.9	93.9	95.2	96.0	96.0	96.5	96.7	96.7	96.8	96.8	96.9	97.2
>= 300	28.1	80.2	85.6	89.9	93.2	94.2	95.7	96.5	96.6	97.2	97.4	97.4	97.5	97.6	97.7	98.0
>= 200	28.1	80.2	85.6	90.0	93.3	94.4	96.1	97.0	97.0	97.7	98.0	98.0	98.2	98.3	98.6	99.0
>= 100	28.1	80.2	85.6	90.0	93.4	94.4	96.1	97.0	97.1	97.8	98.1	98.2	98.5	98.5	98.9	99.5
>= 0	28.1	80.2	85.6	90.0	93.4	94.4	96.1	97.0	97.1	97.8	98.2	98.2	98.5	98.6	99.0	100.0

TOTAL NO. OF OBS : 9851

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1965-1986
 CLASS : ALL WEATHER
 LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : DEC
 HOUR : 0100 LST

CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

16 PT.		SPEED (KNOTS)																TOTAL		MEAN	
DIR.		1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	SPEED					
N		1.4		2.2		1.8	.8	.4	.1	.0	.0	.0	.0	.0	6.8	7.4					
NNE		.2		.9		.9	.3	.2	.0	.1	.0	.0	.0	.0	2.6	8.4					
NE		.5		1.5		1.3	.4	.2	.1	.0	.0	.0	.0	.0	3.9	7.5					
ENE		.5		1.3		.8	.3	.1	.0	.0	.0	.0	.0	.0	3.0	6.7					
E		.5		.8		.6	.1	.0	.0	.0	.0	.0	.0	.0	2.1	5.7					
ESE		.5		.8		.1	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.4					
SE		.6		1.0		.5	.2	.0	.0	.0	.0	.0	.0	.0	2.2	5.5					
SSE		.5		.9		.8	.4	.2	.0	.0	.0	.0	.0	.0	2.8	7.2					
S		.6		2.1		1.5	.6	.1	.0	.0	.0	.0	.0	.0	4.9	7.1					
SSW		1.0		1.9		2.2	1.1	.0	.0	.0	.0	.0	.0	.0	6.2	7.2					
SW		1.0		2.0		2.8	2.9	.7	.0	.0	.0	.0	.0	.0	9.3	9.3					
WSW		.5		1.1		1.7	2.2	.2	.0	.0	.0	.0	.0	.0	5.6	9.5					
W		1.3		2.5		2.0	1.2	.2	.0	.0	.0	.0	.0	.0	7.2	7.0					
WNW		.3		2.0		2.5	1.8	.8	.0	.1	.0	.0	.0	.0	7.5	10.0					
NW		1.2		3.3		2.9	2.0	1.2	.6	.1	.1	.0	.0	.0	11.3	10.1					
NNW		.8		2.5		3.8	3.0	.8	.1	.2	.1	.0	.0	.0	11.3	10.2					
VAR		.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
CLM		.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0	.0					
ALL		11.4		27.0		26.2	17.1	4.9	.8	.5	.2	.0	.0	.0	100.0	7.5					

TOTAL NO. OF OBS : 1298

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : DEC
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)																TOTAL	MEAN
	1-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	2	3	4	5	6	7		
N	1.2	2.4	1.8	.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	7.3
NNE	.6	.7	1.2	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	8.3
NE	.6	1.2	1.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	7.2
ENE	.2	1.1	.8	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	7.3
E	.2	1.2	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.8
ESE	.5	1.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	5.2
SE	.8	1.2	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	5.8
SSE	.5	1.2	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.9
S	1.2	1.7	1.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	5.7
SSW	.4	1.5	2.3	.9	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	8.4
SW	.5	1.8	2.5	2.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.9	9.2
WSW	1.0	1.7	2.2	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	8.0
W	1.0	3.8	2.1	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	6.6
WNW	1.2	1.6	1.7	2.2	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.9	10.0
NW	1.5	2.8	2.5	2.4	1.2	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	11.2	10.2
NNW	1.1	3.4	3.3	2.9	.9	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.8	9.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.2	.0
ALL	12.5	28.3	25.4	16.8	4.4	1.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	100.0	7.3

TOTAL NO. OF OBS : 1298

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : DEC
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

16 PT. DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.2	3.0	1.8	1.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	7.4
NNE	.2	1.2	.8	.5	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.1	8.3
NE	.7	1.8	.9	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.7
ENE	.4	1.3	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.9
E	.5	1.3	.7	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	7.2
ESE	.5	.8	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	5.4
SE	.4	.6	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	6.9
SSE	.6	1.2	.7	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.8
S	1.2	1.5	.6	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.6
SSW	1.0	1.5	2.1	1.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	8.0
SW	.9	1.9	2.5	2.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	8.5
WSW	.8	1.7	2.0	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	7.6
W	2.2	2.4	2.2	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	5.9
WNW	.5	1.9	2.0	2.1	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	9.7
NW	.9	2.8	2.8	2.4	1.3	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	10.8	10.4
NNW	.8	4.7	3.3	2.2	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.1	8.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.1	.0
ALL	12.8	29.7	24.2	15.4	4.4	1.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	100.0	7.0

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : DEC
 CLASS : ALL WEATHER HOUR : 1000 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)												TOTAL		MEAN	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	%	%	WIND	SPEED
N	.7	1.6	2.9	1.0	.7	.2	.0	.0	.0	.0	.0	7.1	.0	.0	9.3	
NNE	.5	1.8	2.5	.7	.5	.2	.1	.0	.0	.0	.0	6.2	.0	.0	9.1	
NE	.3	1.9	1.2	.5	.1	.0	.0	.0	.0	.0	.0	3.9	.0	.0	7.0	
ENE	.5	1.0	1.3	.1	.0	.0	.0	.0	.0	.0	.0	2.9	.0	.0	6.5	
E	.7	1.1	1.0	.3	.1	.1	.0	.0	.0	.0	.0	3.2	.0	.0	6.8	
ESE	.7	.9	.7	.1	.0	.0	.0	.0	.0	.0	.0	2.4	.0	.0	5.3	
SE	.5	1.8	1.2	.2	.0	.0	.0	.0	.0	.0	.0	3.6	.0	.0	6.5	
SSE	.3	.5	1.0	.5	.0	.0	.0	.0	.0	.0	.0	2.3	.0	.0	8.1	
S	.8	1.2	2.2	.8	.2	.0	.0	.0	.0	.0	.0	5.4	.0	.0	7.8	
SSW	.3	1.3	2.2	.9	.3	.1	.0	.0	.0	.0	.0	5.1	.0	.0	8.9	
SW	.7	2.2	2.2	2.8	.5	.1	.0	.0	.0	.0	.0	8.4	.0	.0	9.9	
WSW	.4	1.5	2.4	2.3	.2	.1	.0	.0	.0	.0	.0	6.8	.0	.0	9.2	
W	1.0	1.2	1.8	.9	.2	.0	.0	.0	.0	.0	.0	5.1	.0	.0	7.7	
WNW	.5	2.4	1.8	1.9	.8	.2	.1	.0	.0	.0	.0	7.6	.0	.0	10.0	
NW	1.1	3.0	3.2	4.5	1.9	.9	.2	.0	.0	.0	.0	14.9	.1	.0	11.9	
NNW	.5	1.8	3.4	3.1	1.0	.5	.2	.0	.0	.0	.0	10.4	.0	.0	11.4	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ALL	9.4	25.4	30.7	20.6	6.5	2.2	.5	.0	.0	.0	.1	100.0	.0	.0	8.9	

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : DEC
 CLASS : ALL WEATHER HOUR : 1300 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS)																TOTAL	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	8	10	12	14	16		
N	.5	2.9	3.1	1.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.5	8.2
NNE	.8	2.1	2.0	.5	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	7.5
NNE	.2	2.5	1.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	6.6
ENE	.6	1.1	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.9
E	.8	1.3	.5	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	6.1
ESE	.4	1.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.9
SE	.5	2.7	2.8	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	7.3
SSE	.4	1.2	1.4	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	7.6
S	.2	1.2	1.8	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	8.6
SSW	.3	1.0	2.2	1.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	9.5
SW	.3	1.2	2.9	2.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	10.2
WSW	.2	.8	1.8	1.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	10.0
W	.5	1.3	2.4	1.8	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	10.1
WNW	.6	1.6	2.1	2.2	1.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	11.1
NW	.5	2.0	3.5	6.0	2.1	1.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.4	12.8
NNW	.3	1.0	2.8	2.8	.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	11.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	.0
ALL	7.0	25.1	31.8	23.1	6.5	2.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	9.2

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : DEC
 CLASS : ALL WEATHER HOUR : 1600 LST
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS)

16 PT. DIR.		1	-	3	4	-	6	7-10	11-16	17-21	SPEED (KNOTS)					TOTAL		MEAN
											22-27	28-33	34-40	41-47	48-55	>=56	%	WIND
																		SPEED
N		1.5		3.2		3.0		1.4		.2		.1		.0		.0	9.3	7.4
NNE		.6		2.5		1.5		.5		.2		.1		.0		.0	5.5	7.1
NE		1.4		1.7		.5		.2		.0		.0		.0		.0	3.8	4.7
ENE		.6		.9		.2		.3		.1		.0		.0		.0	2.1	6.2
E		1.0		.8		.4		.2		.0		.0		.0		.0	2.5	5.8
ESE		1.1		.9		.5		.1		.0		.1		.0		.0	2.6	5.4
SE		1.5		2.9		2.5		.4		.1		.0		.0		.0	7.4	6.1
SSE		.8		2.8		2.9		.4		.1		.1		.0		.0	7.1	7.1
S		.4		2.5		1.9		.8		.1		.1		.0		.0	5.8	7.5
SSW		.6		1.2		1.7		1.3		.2		.1		.0		.0	5.0	8.6
SW		.3		1.2		1.5		1.5		.1		.1		.0		.0	4.5	9.2
WSW		.4		1.8		1.1		.8		.1		.0		.1		.0	4.2	7.9
W		1.0		2.5		2.6		1.5		.2		.1		.0		.0	7.8	7.9
WNW		.5		.9		2.2		2.0		.8		.0		.1		.0	6.5	11.2
NW		.2		1.2		2.7		4.2		1.5		.7		.5		.0	11.1	13.2
NNW		.4		2.3		2.6		2.2		.5		.6		.2		.0	8.7	10.7
VAR		.0		.0		.0		.0		.0		.0		.0		.0	.0	.0
CLM		.0		.0		.0		.0		.0		.0		.0		.0	6.2	.0
ALL		12.2		29.4		27.7		17.8		3.8		1.9		.9		.0	100.0	8.0

TOTAL NO. OF OBS. : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED
LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : DEC
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

DIR.	SPEED (KNOTS)												TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56			
N	1.3	2.9	2.1	.8	.2	.2	.0	.0	.0	.0	.0	7.6	7.2	
NNE	.8	1.5	1.4	.4	.2	.1	.0	.0	.0	.0	.0	4.3	7.3	
NE	1.0	1.2	.8	.2	.1	.2	.0	.0	.0	.0	.0	3.5	6.6	
ENE	.5	.8	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.8	5.4	
E	.9	.8	.5	.2	.1	.0	.0	.0	.0	.0	.0	2.5	5.6	
ESE	.5	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	1.5	6.6	
SE	.8	1.2	.6	.2	.2	.0	.0	.0	.0	.0	.0	3.0	6.2	
SSE	1.5	2.8	1.5	.5	.0	.0	.0	.0	.0	.0	.0	6.3	5.8	
S	1.2	3.7	2.7	.9	.2	.1	.0	.0	.0	.0	.0	8.9	7.0	
SSW	1.2	1.8	2.1	1.1	.2	.0	.0	.0	.0	.0	.0	6.4	7.5	
SW	1.2	1.7	1.7	1.4	.1	.0	.0	.0	.0	.0	.0	6.0	7.6	
WSW	.6	1.1	.6	.4	.1	.1	.0	.0	.0	.0	.0	2.9	7.4	
W	.6	2.0	.9	.5	.1	.0	.0	.0	.0	.0	.0	4.2	6.8	
WNW	.4	1.2	1.8	2.1	.8	.3	.1	.0	.0	.0	.0	6.5	11.4	
NW	.6	1.5	2.5	3.2	1.2	.6	.2	.0	.0	.0	.0	9.9	12.0	
NNW	1.3	2.5	2.8	1.6	.4	.3	.0	.1	.0	.0	.0	9.0	8.8	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.9	.0	
ALL	14.3	27.2	22.8	13.9	3.8	1.8	.2	.1	.0	.0	.0	100.0	6.8	

TOTAL NO. OF OBS : 1298

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
MONTH : DEC
HOUR : 2200 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

		SPEED (KNOTS)												TOTAL		MEAN
16 PT. 1		1 - 31	4 - 61	7-101	11-161	17-211	22-271	28-331	34-401	41-471	48-551	>=561	%	WIND	SPEED	
DIR.																
N	.7	1.6	2.2	1.4	.4	.1	.0	.0	.0	.0	.0	.0	6.3	8.8		
NNE	.5	1.9	1.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.7		
NE	.6	1.2	.8	.3	.2	.0	.0	.0	.0	.0	.0	.0	3.1	6.9		
ENE	1.3	.6	.9	.4	.0	.0	.0	.0	.0	.0	.0	.0	3.2	6.0		
E	.6	1.4	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.7	5.3		
ESE	.3	.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.4	5.1		
SE	.3	1.2	.9	.3	.1	.0	.0	.0	.0	.0	.0	.0	2.8	6.8		
SSE	.9	1.0	1.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	3.8	7.0		
S	.9	2.6	2.1	1.0	.2	.0	.0	.0	.0	.0	.0	.0	6.8	7.1		
SSW	1.1	1.6	3.3	1.5	.2	.0	.0	.0	.0	.0	.0	.0	7.6	8.1		
SW	1.1	2.1	2.9	2.2	.5	.1	.0	.0	.0	.0	.0	.0	8.7	8.8		
WSW	1.2	.8	1.4	.7	.3	.0	.0	.0	.0	.0	.0	.0	4.5	7.6		
W	.6	1.4	1.3	.8	.0	.1	.0	.0	.0	.0	.0	.0	4.2	7.5		
WNW	.5	1.2	2.2	1.8	.7	.5	.1	.0	.0	.0	.0	.0	6.9	11.0		
NW	1.2	1.5	3.5	2.5	1.5	.5	.1	.0	.0	.0	.0	.0	10.7	10.8		
NNW	1.3	2.5	3.1	1.9	.9	.5	.2	.1	.0	.0	.0	.0	10.4	9.9		
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.7	.0		
ALL	13.3	23.3	27.6	15.9	4.9	1.7	.3	.1	.0	.0	.0	.0	100.0	7.4		

TOTAL NO. OF OBS : 1298

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : DEC
 CLASS : ALL WEATHER HOUR : ALL
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

C.R.	SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED
	1-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56								
N	1.0	2.5	2.3	1.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	7.8
NNE	.5	1.6	1.5	.5	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	7.8
NE	.7	1.6	1.0	.4	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.6
ENE	.6	1.0	.7	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	6.2
E	.6	1.1	.6	.2	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	6.2
ESE	.5	.9	.4	.1	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.4
SE	.7	1.6	1.2	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.5
SSE	.7	1.5	1.3	.4	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	6.8
S	.8	2.1	1.7	.8	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	7.2
SSW	.7	1.5	2.2	1.2	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	8.2
SW	.8	1.8	2.4	2.2	.4	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	9.1
WSW	.6	1.3	1.7	1.4	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	8.5
W	1.0	2.1	1.9	1.0	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	7.4
WNW	.6	1.6	2.0	2.0	.8	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	10.5
NW	.9	2.3	2.9	3.4	1.5	.7	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	11.9	11.5
NNW	.8	2.6	3.1	2.5	.8	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	10.2	10.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.8	.0
ALL	11.6	26.9	27.1	17.6	4.9	1.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	100.0	7.7

TOTAL NO. OF OBS : 10396

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : ANN
 HOUR : ALL

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNOTS)															TOTAL	MEAN	
>=56																	
16 PT.	1	-	3	4	-	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	8	WIND	SPEED
DIR.	1																
N	.9		2.0			2.0	2.0	1.0	.2	.1	.0*	.0*	.0	.0	.0	6.3	7.8
NNE	.6		1.8			1.7	.8	.8	.2	.1	.0*	.0*	.0	.0	.0	5.1	7.9
NE	.6		1.7			1.6	.7	.7	.1	.0*	.0*	.0	.0	.0	.0	4.8	7.6
ENE	.5		1.1			.9	.4	.4	.0*	.0*	.0*	.0*	.0	.0	.0	3.0	6.9
E	.6		1.4			1.0	.3	.3	.0*	.0*	.0*	.0*	.0	.0	.0	3.4	6.4
ESE	.5		1.3			.9	.3	.3	.0*	.0*	.0*	.0*	.0	.0	.0	3.1	6.9
SE	.7		1.9			2.4	1.2	1.2	.2	.0*	.0*	.0	.0	.0	.0*	6.4	8.1
SSE	.7		1.9			2.2	1.1	1.1	.1	.0*	.0*	.0	.0	.0	.0	6.0	7.9
S	1.2		2.8			2.3	.9	.9	.1	.0*	.0	.0	.0	.0	.0	7.4	6.9
SSW	.7		1.8			2.3	1.3	1.3	.1	.0*	.0	.0	.0	.0	.0	6.2	8.2
SW	.7		1.8			2.6	1.8	1.8	.3	.0*	.0*	.0*	.0	.0	.0	7.3	8.9
WSW	.5		1.3			1.5	.9	.9	.1	.0*	.0*	.0	.0	.0	.0	4.4	8.1
W	1.0		2.0			1.5	.7	.7	.1	.0*	.0*	.0*	.0	.0	.0	5.5	7.2
WNW	.8		1.7			1.6	1.2	1.2	.4	.2	.0*	.0*	.0*	.0	.0	6.0	9.1
NW	1.0		2.2			2.3	2.1	2.1	.9	.5	.1	.0*	.0	.0	.0*	9.1	10.4
NNW	.9		2.0			2.2	1.6	1.6	.5	.2	.0*	.0*	.0	.0	.0	7.3	9.0
VAR	.0		.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0		.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9	.0
ALL	11.8		28.7			29.2	16.2	16.2	3.7	1.2	.3	.0*	.0*	.0	.0*	100.0	7.4

TOTAL NO. OF OBS : 122161

NOTES :
 * = PERCENT < .05

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : DEC
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	20.5	54.4	55.4	56.0	56.7	56.8	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.5	57.6
>=20000	21.0	57.6	58.8	59.4	60.2	60.3	60.8	60.8	60.8	60.8	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.3
>=18000	21.0	57.7	58.9	59.5	60.3	60.4	60.9	60.9	60.9	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.3	61.4
>=16000	21.0	57.7	58.9	59.5	60.3	60.4	60.9	60.9	60.9	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.3	61.4
>=14000	21.1	57.9	59.0	59.7	60.5	61.1	61.1	61.1	61.1	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.5	61.5
>=12000	21.5	59.0	60.1	60.8	61.5	61.6	62.2	62.2	62.2	62.2	62.2	62.5	62.5	62.5	62.5	62.5	62.6	62.6
>=10000	21.8	61.4	62.7	63.6	64.4	64.4	65.0	65.0	65.0	65.0	65.0	65.3	65.3	65.3	65.3	65.3	65.4	65.4
>= 9000	21.9	61.9	63.2	64.0	64.8	64.9	65.4	65.4	65.4	65.4	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.9
>= 8000	22.9	66.7	68.1	69.3	70.2	70.3	70.8	70.8	70.8	70.8	70.8	71.1	71.1	71.1	71.1	71.1	71.2	71.3
>= 7000	23.2	67.9	69.4	70.7	71.6	71.7	72.3	72.3	72.3	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.7	72.8
>= 6000	23.6	68.9	70.7	71.9	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	74.0
>= 5000	23.8	70.7	72.5	73.8	74.8	74.9	75.5	75.5	75.5	75.5	75.5	75.9	75.9	75.9	75.9	75.9	76.0	76.1
>= 4500	23.9	72.0	73.9	75.4	76.4	76.5	77.1	77.1	77.1	77.1	77.1	77.7	77.7	77.7	77.7	77.7	77.8	77.8
>= 4000	24.1	73.6	75.7	77.3	78.4	78.5	79.2	79.3	79.3	79.3	79.3	79.7	79.7	79.7	79.7	79.7	79.8	79.9
>= 3500	24.2	74.3	76.6	78.2	79.3	79.5	80.2	80.3	80.3	80.3	80.3	80.7	80.7	80.7	80.7	80.7	80.8	80.9
>= 3000	24.2	76.0	78.3	80.3	81.4	81.6	82.3	82.5	82.5	82.5	82.5	82.9	82.9	82.9	82.9	83.0	83.1	83.1
>= 2500	24.2	77.3	79.8	81.8	83.0	83.2	83.9	84.2	84.2	84.2	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.7
>= 2000	24.3	78.5	81.0	83.2	84.5	84.6	85.4	85.6	85.6	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.1	86.2
>= 1800	24.3	78.6	81.2	83.5	84.7	84.9	85.6	85.6	85.6	85.6	85.6	86.3	86.3	86.3	86.3	86.3	86.4	86.5
>= 1500	24.3	79.5	82.4	84.9	86.2	86.3	87.3	87.7	87.7	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.2
>= 1200	24.3	79.9	83.0	85.5	86.8	87.1	88.1	88.5	88.5	88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.9	89.0
>= 1000	24.3	80.3	83.5	86.3	87.8	88.1	89.2	89.6	89.6	89.6	89.6	90.0	90.0	90.0	90.0	90.0	90.1	90.2
>= 900	24.3	80.4	83.7	86.7	88.1	88.5	89.7	90.1	90.1	90.1	90.1	90.5	90.5	90.5	90.6	90.6	90.6	90.7
>= 800	24.3	80.5	83.9	87.1	88.6	89.1	90.3	90.7	90.7	90.7	90.7	91.1	91.1	91.1	91.2	91.2	91.3	91.3
>= 700	24.3	80.7	84.1	87.5	89.2	89.7	91.1	91.5	91.5	91.5	91.5	91.9	91.9	91.9	92.0	92.0	92.0	92.1
>= 600	24.3	80.9	84.5	88.0	89.8	90.4	91.8	92.2	92.2	92.2	92.2	92.8	92.8	92.8	92.9	92.9	93.0	93.1
>= 500	24.3	80.9	84.6	88.2	90.3	91.0	92.7	93.1	93.1	93.1	93.1	93.8	93.8	93.8	93.9	94.0	94.1	94.1
>= 400	24.3	81.1	84.8	88.5	90.7	91.8	93.8	94.3	94.3	94.3	94.3	94.9	94.9	95.0	95.0	95.2	95.3	95.4
>= 300	24.3	81.2	84.9	88.8	91.1	92.2	94.3	95.0	95.0	95.0	95.0	95.7	95.8	95.8	95.9	96.0	96.1	96.3
>= 200	24.3	81.2	85.0	88.8	91.4	92.7	95.1	95.9	95.9	95.9	95.9	96.8	97.1	97.1	97.3	97.3	97.5	97.8
>= 100	24.3	81.2	85.0	88.8	91.4	92.7	95.1	96.0	96.0	96.0	96.0	97.1	97.7	97.7	98.1	98.3	98.5	99.1
>= 0	24.3	81.2	85.0	88.8	91.4	92.7	95.1	96.0	96.0	96.0	96.0	97.1	97.7	97.8	98.3	98.5	98.8	100.0

TOTAL NO. OF OBS : 1282

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : DEC
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	19.4	52.1	53.5	55.1	55.9	55.9	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.6
>=20000	19.6	54.1	55.6	57.2	58.0	58.0	58.3	58.4	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.7	58.9
>=18000	19.6	54.1	55.6	57.2	58.0	58.0	58.3	58.4	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.7	58.9
>=16000	19.7	54.2	55.7	57.3	58.0	58.1	58.4	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.0
>=14000	19.8	54.6	56.1	57.7	58.4	58.5	58.7	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.4
>=12000	20.1	55.4	56.9	58.4	59.2	59.3	59.5	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9	60.2
>=10000	20.8	59.1	60.8	62.5	63.4	63.5	63.7	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.4
>= 9000	21.0	59.7	61.3	63.0	64.0	64.1	64.3	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.9
>= 8000	21.6	63.6	65.4	67.2	68.3	68.4	68.6	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.2
>= 7000	21.9	65.2	67.0	68.8	70.1	70.4	70.5	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	71.0
>= 6000	22.3	66.3	68.2	70.1	71.2	71.3	71.6	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.3
>= 5000	22.5	68.0	70.1	72.0	73.3	73.4	73.7	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.5
>= 4500	22.9	69.6	71.7	73.7	75.1	75.2	75.5	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.2
>= 4000	23.3	71.5	73.7	75.8	77.1	77.3	77.7	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.4
>= 3500	23.4	72.1	74.4	76.5	77.8	78.0	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	79.1
>= 3000	23.4	74.6	77.0	79.1	80.6	80.9	81.2	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	82.0
>= 2500	23.4	75.5	78.0	80.3	81.8	82.0	82.3	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.2
>= 2000	23.4	76.2	78.9	81.6	83.1	83.4	83.7	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.6
>= 1800	23.5	76.3	79.1	81.7	83.3	83.5	83.8	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.8
>= 1500	23.6	77.0	79.9	83.0	84.8	85.0	85.5	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.5
>= 1200	23.6	77.4	80.6	83.7	85.5	85.7	86.2	86.6	86.7	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.3
>= 1000	23.6	78.0	81.3	84.5	86.6	86.9	87.5	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.5	88.7
>= 900	23.6	78.1	81.4	84.8	87.0	87.2	87.8	88.3	88.4	88.7	88.7	88.7	88.7	88.7	88.9	88.9	89.0	89.2
>= 800	23.6	78.4	81.9	85.4	87.5	87.9	88.5	89.0	89.1	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.7	89.9
>= 700	23.6	78.6	82.3	85.8	88.0	88.4	89.1	89.6	89.6	89.8	90.2	90.2	90.2	90.2	90.4	90.4	90.5	90.7
>= 600	23.6	78.7	82.4	86.1	88.4	88.8	89.7	90.2	90.4	90.8	90.8	90.8	90.8	90.9	91.0	91.0	91.1	91.3
>= 500	23.6	79.0	83.0	86.9	89.6	90.2	91.4	92.0	92.2	92.7	92.7	92.7	92.8	92.8	93.0	93.0	93.1	93.4
>= 400	23.6	79.1	83.2	87.3	90.5	91.2	92.5	93.2	93.4	93.8	94.0	94.1	94.1	94.1	94.4	94.4	94.5	94.8
>= 300	23.6	79.1	83.2	87.6	91.2	91.9	93.4	94.1	94.3	94.8	95.0	95.1	95.1	95.1	95.4	95.5	95.6	96.0
>= 200	23.6	79.1	83.3	87.7	91.4	92.3	93.9	94.8	95.2	95.9	96.2	96.2	96.2	96.2	96.6	96.6	96.9	97.3
>= 100	23.6	79.1	83.3	87.7	91.6	92.5	94.2	95.3	95.6	96.4	97.0	97.1	97.1	97.1	97.7	97.9	98.3	98.9
>= 0	23.6	79.1	83.3	87.7	91.6	92.5	94.2	95.3	95.6	96.4	97.0	97.1	97.1	97.1	97.9	98.0	98.6	100.0

TOTAL NO. OF OBS : 1280

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD

PERIOD OF RECORD : 1945-1986

CLASS : ALL WEATHER

CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

MONTH : DEC

HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1/2	>=5/8	>=3/4	>=5/16	>=1/4	>=0
UNLIMIT	15.1	42.6	44.5	46.2	47.1	47.2	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7
>=20000	15.7	45.0	47.2	49.2	50.2	50.4	50.7	50.7	50.7	50.8	50.9	50.9	50.9	50.9	50.9
>=18000	15.6	45.1	47.2	49.3	50.2	50.5	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9
>=16000	15.7	45.4	47.5	49.5	50.5	50.7	51.0	51.0	51.0	51.1	51.2	51.2	51.2	51.2	51.2
>=14000	16.0	46.3	48.4	50.5	51.4	51.7	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1
>=12000	16.5	47.7	49.9	52.0	52.9	53.1	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7
>=10000	17.7	52.8	55.1	57.2	58.3	58.6	58.9	58.9	58.9	59.0	59.1	59.1	59.1	59.1	59.1
>= 8000	17.8	52.9	55.4	57.5	58.6	58.8	59.1	59.1	59.1	59.2	59.4	59.4	59.4	59.4	59.4
>= 7000	19.4	59.7	62.8	65.2	66.5	66.9	67.2	67.3	67.3	67.4	67.6	67.6	67.6	67.6	67.6
>= 6000	19.8	60.7	63.9	66.4	67.7	68.1	68.4	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.8
>= 5000	20.2	63.2	66.5	69.3	70.7	71.2	71.5	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9
>= 4500	20.5	64.6	68.1	71.0	72.5	73.0	73.4	73.5	73.6	73.7	73.9	73.9	73.9	73.9	73.9
>= 4000	20.7	66.0	69.8	72.8	74.3	74.9	75.3	75.5	75.6	75.7	75.8	75.8	75.8	75.8	75.8
>= 3500	20.9	66.8	70.6	73.8	75.3	75.8	76.3	76.6	76.7	76.8	76.9	76.9	76.9	76.9	76.9
>= 3000	21.0	69.1	73.4	76.6	78.3	79.1	79.6	80.0	80.1	80.2	80.3	80.3	80.3	80.3	80.3
>= 2500	21.2	70.0	74.5	77.9	79.8	80.5	81.0	81.4	81.5	81.6	81.7	81.7	81.7	81.7	81.7
>= 2000	21.2	71.0	75.7	79.6	81.7	82.4	83.1	83.5	83.6	83.7	83.9	83.9	83.9	83.9	83.9
>= 1800	21.2	71.1	75.7	79.7	81.8	82.5	83.2	83.6	83.7	83.8	84.0	84.0	84.0	84.0	84.0
>= 1500	21.3	71.7	76.5	80.8	83.0	83.8	84.6	85.0	85.0	85.2	85.4	85.4	85.4	85.4	85.4
>= 1200	21.3	72.0	76.9	81.6	83.8	84.6	85.4	85.8	85.9	86.1	86.3	86.3	86.3	86.3	86.3
>= 1000	21.4	72.7	77.7	82.4	84.8	85.7	86.7	87.1	87.2	87.3	87.6	87.6	87.6	87.6	87.6
>= 900	21.4	72.7	78.0	82.8	85.1	86.2	87.2	87.6	87.7	87.9	88.2	88.2	88.2	88.2	88.2
>= 800	21.4	72.8	78.4	83.5	85.9	87.2	88.1	88.7	88.7	89.0	89.4	89.4	89.4	89.4	89.4
>= 700	21.4	73.1	78.8	83.9	86.4	87.6	88.7	89.3	89.3	89.6	90.0	90.0	90.0	90.0	90.0
>= 600	21.4	73.4	79.4	84.6	87.1	88.4	89.5	90.1	90.2	90.5	90.9	90.9	90.9	90.9	90.9
>= 500	21.4	73.5	79.6	85.1	87.9	89.5	90.9	91.7	91.8	92.0	92.4	92.4	92.4	92.4	92.4
>= 400	21.4	73.8	80.2	85.8	88.9	90.6	92.3	93.2	93.4	93.6	94.1	94.1	94.1	94.1	94.1
>= 300	21.4	73.8	80.2	85.8	89.1	91.0	93.0	94.4	94.6	94.8	95.4	95.4	95.4	95.4	95.4
>= 200	21.4	73.9	80.2	85.9	89.2	91.3	93.5	95.6	95.7	96.1	96.9	96.9	96.9	96.9	96.9
>= 100	21.4	73.9	80.2	85.9	89.2	91.4	93.8	95.9	96.1	96.5	97.4	97.4	97.4	97.4	97.4
>= 0	21.4	73.9	80.2	85.9	89.2	91.4	93.8	95.9	96.1	96.5	97.5	97.5	97.5	97.5	97.5

TOTAL NO. OF OBS : 1270

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : DEC
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	20.6	43.4	44.5	45.4	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
>=20000	21.3	48.1	49.7	50.7	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	51.9
>=18000	21.4	48.3	49.8	50.9	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.1	52.1	52.1	52.1
>=16000	21.7	48.9	50.5	51.5	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.7	52.7
>=14000	22.2	49.4	51.0	52.1	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
>=12000	23.6	51.8	53.6	54.8	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0
>=10000	24.8	55.4	57.7	59.0	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4
>= 9000	25.1	56.3	58.7	60.2	61.2	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
>= 8000	25.8	60.9	63.9	65.5	66.5	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2
>= 7000	26.2	62.5	65.6	67.2	68.3	68.7	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0
>= 6000	26.6	63.8	67.3	69.1	70.1	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8
>= 5000	27.0	65.7	69.3	71.0	72.2	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9
>= 4500	27.2	67.4	71.1	73.0	74.2	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2
>= 4000	27.6	68.6	72.6	74.8	76.2	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2
>= 3500	27.7	69.1	73.1	75.3	76.7	77.4	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
>= 3000	28.0	70.7	75.1	77.6	79.4	80.0	80.2	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5
>= 2500	28.1	71.8	76.2	79.0	80.8	81.6	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
>= 2000	28.1	72.2	77.1	80.2	82.0	83.1	83.4	83.5	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8
>= 1800	28.1	72.3	77.1	80.3	82.2	83.2	83.5	83.7	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9
>= 1500	28.3	73.1	78.0	81.3	83.3	84.4	84.8	85.0	85.0	85.2	85.3	85.3	85.4	85.4	85.4	85.4
>= 1200	28.4	73.5	78.6	82.0	84.1	85.3	85.7	85.8	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2
>= 1000	28.4	74.2	79.4	83.0	85.5	86.8	87.3	87.5	87.5	87.7	87.8	87.8	87.9	87.9	88.0	88.0
>= 900	28.5	74.4	79.7	83.4	85.9	87.2	87.7	88.0	88.0	88.3	88.4	88.4	88.5	88.5	88.6	88.6
>= 800	28.5	74.6	79.9	83.9	86.6	88.1	88.6	89.0	89.0	89.3	89.5	89.5	89.6	89.6	89.6	89.6
>= 700	28.6	74.8	80.3	84.5	87.3	88.9	89.5	90.0	90.0	90.3	90.4	90.4	90.5	90.6	90.7	90.7
>= 600	28.6	75.1	80.6	84.9	87.9	89.5	90.2	90.7	90.7	91.1	91.3	91.3	91.4	91.5	91.5	91.5
>= 500	28.6	75.2	80.9	85.4	88.7	90.4	91.5	92.2	92.2	92.5	92.8	92.9	93.0	93.0	93.3	93.3
>= 400	28.6	75.4	81.2	85.9	89.6	91.5	92.8	93.6	93.7	94.0	94.4	94.5	94.6	94.7	94.9	94.9
>= 300	28.6	75.4	81.3	86.1	90.0	92.1	93.8	94.9	94.9	95.6	96.3	96.4	96.8	97.0	97.2	97.3
>= 200	28.6	75.5	81.3	86.2	90.1	92.2	94.1	95.5	95.6	96.4	97.3	97.4	98.2	98.3	98.8	99.0
>= 100	28.6	75.5	81.3	86.2	90.2	92.3	94.2	95.6	95.7	96.5	97.5	97.5	98.3	98.5	99.4	99.8
>= 0	28.6	75.5	81.3	86.2	90.2	92.3	94.2	95.6	95.7	96.5	97.5	97.5	98.3	98.5	99.4	100.0

TOTAL NO. OF OBS : 1264

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : DEC
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16
UNLIMIT	23.4	45.1	45.7	46.3	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
>=20000	24.4	50.6	51.5	52.2	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
>=18000	24.6	50.9	51.8	52.6	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
>=16000	24.9	51.3	52.2	53.0	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
>=14000	25.3	52.1	53.0	53.9	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
>=12000	26.0	53.6	54.7	55.6	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
>=10000	27.4	57.6	58.9	59.9	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
>=9000	27.5	58.2	59.4	60.5	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
>=8000	28.3	61.6	63.1	64.3	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
>=7000	28.7	63.1	64.9	66.1	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
>=6000	28.8	64.1	66.1	67.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
>=5000	29.0	66.0	68.2	69.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
>=4500	29.1	67.0	69.4	70.8	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
>=4000	30.1	68.8	71.3	72.8	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
>=3500	30.4	69.9	72.5	74.1	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
>=3000	31.0	72.0	75.1	76.7	77.9	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
>=2500	31.3	73.2	76.5	78.4	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
>=2000	31.6	74.7	78.1	80.4	82.0	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
>=1800	31.6	74.8	78.3	80.6	82.2	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
>=1500	31.8	75.5	79.2	81.6	83.3	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
>=1200	31.9	76.5	80.3	82.9	84.7	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
>=1000	32.0	77.2	81.2	84.0	86.1	86.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
>=900	32.0	77.4	81.6	84.5	86.7	87.4	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
>=800	32.0	77.7	81.9	84.8	87.3	88.2	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
>=700	32.0	77.9	82.3	85.2	88.2	89.1	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
>=600	32.0	78.1	82.8	86.0	89.1	90.1	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
>=500	32.0	78.2	83.0	86.3	89.8	90.9	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
>=400	32.0	78.3	83.2	86.7	90.6	91.7	93.4	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
>=300	32.0	78.3	83.3	87.0	91.2	92.5	94.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
>=200	32.0	78.3	83.3	87.0	91.2	92.6	94.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
>=100	32.0	78.3	83.3	87.1	91.2	92.7	94.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
>= 0	32.0	78.3	83.3	87.1	91.2	92.7	94.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7

TOTAL NO. OF OBS : 1267

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : DEC
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)																	
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0		
UNLIMIT	23.5	45.1	46.1	46.8	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3		
>=20000	24.4	49.7	50.9	51.8	52.1	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4		
>=18000	24.4	50.0	51.2	52.1	52.4	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7		
>=16000	24.6	50.2	51.4	52.4	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9		
>=14000	25.1	51.0	52.3	53.2	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8		
>=12000	25.7	52.4	53.9	54.8	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4		
>=10000	26.4	55.8	57.5	58.5	58.8	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1		
>= 9000	26.8	56.6	58.3	59.3	59.6	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9		
>= 8000	27.6	61.2	63.0	64.1	64.6	64.8	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1		
>= 7000	28.4	63.4	65.4	66.7	67.1	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6		
>= 6000	28.7	64.3	66.4	67.8	68.4	68.6	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0		
>= 5000	29.2	67.2	69.7	71.2	71.9	72.0	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5		
>= 4500	29.5	68.5	71.4	72.9	73.6	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2		
>= 4000	30.1	70.4	73.3	75.0	75.7	75.8	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3		
>= 3500	30.3	71.0	74.2	75.9	76.7	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3		
>= 3000	31.0	73.6	77.2	79.0	79.8	79.9	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4		
>= 2500	31.0	74.4	78.0	79.8	80.6	80.9	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5		
>= 2000	31.5	76.2	80.0	82.1	83.0	83.4	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1		
>= 1800	31.5	76.5	80.3	82.3	83.3	83.7	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4		
>= 1500	31.5	77.2	81.3	83.5	84.6	85.2	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2		
>= 1200	31.7	77.6	82.1	84.4	85.8	86.4	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6		
>= 1000	31.8	77.9	82.4	84.7	86.3	87.0	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4		
>= 900	31.8	78.0	82.6	85.2	87.0	87.6	88.6	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1		
>= 800	31.8	78.2	82.9	85.6	87.6	88.4	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9		
>= 700	31.8	78.3	83.0	85.9	87.9	88.9	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4		
>= 600	31.8	78.4	83.3	86.5	88.8	89.9	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9		
>= 500	31.8	78.6	83.4	86.9	89.2	90.6	92.1	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0		
>= 400	31.8	78.6	83.5	87.0	89.4	90.8	92.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1		
>= 300	31.8	78.7	83.6	87.4	90.3	91.8	94.2	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8		
>= 200	31.8	78.7	83.6	87.4	90.4	91.9	94.3	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0		
>= 100	31.8	78.7	83.6	87.4	90.4	91.9	94.3	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0		
>= 0	31.8	78.7	83.6	87.4	90.4	91.9	94.3	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0		

TOTAL NO. OF OBS : 1266

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : DEC
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1/2	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMITED	19.8	51.9	52.7	53.6	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
>=20000	20.2	55.6	56.6	57.5	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
>=18000	20.2	55.6	56.7	57.6	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
>=16000	20.2	55.7	56.8	57.7	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
>=14000	20.3	56.0	57.1	58.1	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
>=12000	20.3	56.8	57.9	58.9	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
>=10000	21.2	60.8	62.0	63.1	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
>=9000	21.4	61.3	62.6	63.8	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
>=8000	22.2	65.9	67.3	68.6	68.9	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
>=7000	22.4	67.2	68.8	70.3	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
>=6000	22.5	67.7	69.6	71.1	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
>=5000	22.9	69.6	71.7	73.5	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
>=4500	23.4	70.7	73.2	75.3	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
>=4000	23.6	72.1	75.0	77.0	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
>=3500	23.7	73.0	76.1	78.2	78.6	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
>=3000	24.0	75.5	78.7	81.0	81.6	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
>=2500	24.0	76.4	79.8	82.3	83.0	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
>=2000	24.3	77.3	81.0	83.6	84.3	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
>=1800	24.3	77.5	81.2	83.8	84.5	84.8	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
>=1500	24.4	78.6	82.4	85.4	86.3	86.6	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
>=1200	24.4	79.0	82.9	85.9	86.8	87.1	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7
>=1000	24.4	79.2	83.0	86.4	87.6	88.0	88.8	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2
>=900	24.4	79.3	83.1	86.7	88.1	88.6	89.5	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0
>=800	24.4	79.4	83.2	86.9	88.5	89.0	89.9	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3
>=700	24.4	79.4	83.4	87.1	88.8	89.5	90.7	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1
>=600	24.4	79.4	83.5	87.3	89.2	90.2	91.5	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2
>=500	24.4	79.4	83.6	87.4	89.8	91.0	92.4	92.7	92.8	93.1	93.1	93.1	93.1	93.1	93.1
>=400	24.4	79.5	83.8	87.6	90.3	91.7	93.6	94.1	94.2	94.6	94.7	94.7	94.7	94.7	94.7
>=300	24.4	79.5	83.9	87.8	90.7	92.2	94.7	95.4	95.4	95.9	96.2	96.2	96.2	96.2	96.2
>=200	24.4	79.5	83.9	87.9	90.9	92.5	95.2	96.2	96.3	97.1	97.3	97.3	97.3	97.3	97.3
>=100	24.4	79.5	83.9	87.9	90.9	92.5	95.2	96.3	96.4	97.3	97.7	97.7	97.7	97.7	97.7
>=0	24.4	79.5	83.9	87.9	90.9	92.5	95.2	96.3	96.4	97.3	97.7	97.7	97.7	97.7	97.7

TOTAL NO. OF OBS : 1274

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : DEC
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	19.8	52.3	53.0	54.0	54.4	54.6	54.7	54.7	54.7	54.8	54.9	54.9	54.9	54.9	55.0	55.0
>=20000	20.1	54.6	55.4	56.6	57.2	57.4	57.5	57.5	57.5	57.6	57.7	57.7	57.7	57.7	57.8	57.8
>=18000	20.1	54.7	55.6	56.8	57.4	57.5	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	58.0	58.0
>=16000	20.1	54.7	55.6	56.8	57.4	57.5	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	58.0	58.0
>=14000	20.5	55.1	56.0	57.1	57.8	57.9	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.4	58.4
>=12000	20.6	55.7	56.6	57.8	58.4	58.5	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	59.1	59.1
>=10000	21.2	58.8	59.9	61.1	61.7	61.9	62.1	62.1	62.1	62.2	62.3	62.3	62.3	62.3	62.5	62.5
>= 9000	21.4	59.6	60.7	62.0	62.6	62.8	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.5	63.5
>= 8000	22.2	64.2	65.5	67.1	67.7	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.5	68.5
>= 7000	22.6	66.1	67.5	69.2	69.8	70.0	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.6	70.6
>= 6000	23.0	67.1	68.5	70.2	70.9	71.1	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.7	71.7
>= 5000	23.3	69.6	71.2	72.8	73.7	73.9	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.6	74.6
>= 4500	23.4	71.0	72.7	74.4	75.3	75.5	75.7	75.7	75.7	75.8	75.9	75.9	75.9	75.9	76.1	76.1
>= 4000	23.8	72.8	74.8	76.5	77.4	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.4	78.4
>= 3500	23.9	73.7	75.9	77.6	78.5	78.8	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.5	79.5
>= 3000	24.1	76.5	79.0	81.0	82.0	82.4	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.8	83.1	83.1
>= 2500	24.3	77.5	80.2	82.3	83.3	83.6	83.8	83.8	83.8	83.9	84.0	84.0	84.0	84.1	84.3	84.3
>= 2000	24.4	78.5	81.7	83.9	84.9	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.7	85.9	85.9
>= 1800	24.4	78.7	82.0	84.2	85.2	85.6	85.8	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.3	86.3
>= 1500	24.4	79.2	82.5	85.1	86.1	86.5	86.7	86.8	86.8	87.0	87.0	87.0	87.0	87.1	87.4	87.4
>= 1200	24.4	79.6	83.1	85.7	86.8	87.3	87.6	87.7	87.7	87.9	88.0	88.0	88.0	88.1	88.3	88.3
>= 1000	24.4	80.0	83.6	86.4	87.6	88.1	88.6	88.8	88.8	89.1	89.1	89.1	89.1	89.2	89.5	89.5
>= 900	24.4	80.0	83.6	86.4	87.6	88.1	88.6	88.8	88.8	89.1	89.1	89.1	89.1	89.2	89.5	89.5
>= 800	24.5	80.1	83.8	87.0	88.1	88.7	89.4	89.6	89.6	89.9	90.0	90.0	90.1	90.2	90.4	90.4
>= 700	24.5	80.3	84.2	87.4	88.8	89.4	90.1	90.3	90.3	90.6	90.7	90.8	90.8	90.9	91.1	91.1
>= 600	24.5	80.6	84.9	88.1	89.7	90.5	91.4	91.7	91.7	92.1	92.2	92.2	92.3	92.3	92.6	92.6
>= 500	24.5	80.6	84.9	88.3	90.2	91.3	92.4	92.7	92.7	93.1	93.2	93.2	93.3	93.4	93.6	93.6
>= 400	24.5	80.7	85.3	88.8	90.9	92.3	93.6	94.0	94.0	94.4	94.5	94.5	94.5	94.6	94.8	94.8
>= 300	24.5	80.8	85.6	89.1	91.5	92.9	94.6	95.0	95.0	95.6	95.7	95.7	95.8	95.9	96.2	96.2
>= 200	24.5	80.8	85.6	89.2	91.8	93.3	95.2	95.7	95.7	96.6	96.8	96.8	97.1	97.3	97.6	97.7
>= 100	24.5	80.8	85.6	89.2	91.8	93.3	95.2	95.7	95.7	96.7	97.0	97.0	97.7	97.8	98.4	98.9
>= 0	24.5	80.8	85.6	89.2	91.8	93.3	95.2	95.7	95.7	96.7	97.0	97.0	98.0	98.1	98.8	100.0

TOTAL NO. OF OBS : 1241

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD

PERIOD OF RECORD : 1945-1986

CLASS : ALL WEATHER

CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

MONTH : DEC

HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING >=10 >=6 >=5 >=4 >=3 >=2 1/2 >=2 >=1 1/2 >=1 1/4 >=1 >=3/4 >=5/8 >=1/2 >=5/16 >=1/8 >=0

UNLIMITED	20.3	48.4	49.4	50.5	51.0	51.1	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4
>=20000	20.8	51.9	53.2	54.4	55.0	55.1	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.5
>=18000	20.9	52.1	53.4	54.5	55.1	55.3	55.4	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.7
>=16000	21.0	52.3	53.6	54.7	55.4	55.5	55.6	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.9
>=14000	21.3	52.8	54.1	55.3	55.9	56.1	56.2	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.5
>=12000	21.8	54.1	55.5	56.6	57.3	57.4	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.8
>=10000	22.7	57.7	59.3	60.6	61.3	61.5	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.9	61.9
>=9000	22.9	58.3	59.9	61.3	62.0	62.2	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.6	62.6
>=8000	23.7	62.8	64.7	66.2	67.0	67.2	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.7
>=7000	24.1	64.4	66.4	68.0	68.9	69.1	69.3	69.3	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.6
>=6000	24.4	65.4	67.6	69.2	70.1	70.3	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.9
>=5000	24.7	67.5	69.9	71.7	72.6	72.9	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.4	73.4
>=4500	25.0	68.9	71.4	73.3	74.3	74.6	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2
>=4000	25.4	70.7	73.3	75.3	76.3	76.6	76.9	77.0	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.3
>=3500	25.5	71.2	74.2	76.2	77.3	77.6	77.9	78.0	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.3
>=3000	25.8	73.5	76.7	78.9	80.1	80.4	80.8	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.2	81.2
>=2500	25.9	74.5	77.9	80.2	81.5	81.9	82.2	82.4	82.4	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.7
>=2000	26.1	75.6	79.2	81.8	83.2	83.6	84.1	84.2	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.6
>=1800	26.1	75.7	79.4	82.0	83.4	83.8	84.3	84.5	84.5	84.5	84.6	84.7	84.7	84.7	84.7	84.8	84.8
>=1500	26.2	76.5	80.3	83.2	84.7	85.2	85.7	85.9	86.0	86.0	86.2	86.2	86.2	86.3	86.3	86.3	86.4
>=1200	26.2	77.0	80.9	84.0	85.5	86.1	86.7	86.9	86.9	86.9	87.1	87.2	87.2	87.2	87.2	87.3	87.3
>=1000	26.3	77.4	81.5	84.7	86.5	87.2	87.9	88.2	88.3	88.3	88.5	88.6	88.6	88.6	88.6	88.7	88.8
>=900	26.3	77.6	81.7	85.0	86.9	87.6	88.4	88.7	88.8	88.8	89.1	89.2	89.2	89.2	89.2	89.3	89.3
>=800	26.3	77.7	82.0	85.5	87.5	88.3	89.2	89.5	89.6	89.6	89.9	90.0	90.0	90.1	90.1	90.2	90.2
>=700	26.3	77.9	82.3	85.9	88.1	88.9	89.9	90.3	90.3	90.3	90.7	90.8	90.8	90.9	90.9	91.0	91.0
>=600	26.3	78.1	82.7	86.4	88.8	89.7	90.8	91.3	91.3	91.3	91.7	91.8	91.9	92.0	92.0	92.1	92.1
>=500	26.3	78.2	82.9	86.8	89.4	90.6	92.0	92.5	92.6	92.6	93.0	93.1	93.2	93.3	93.3	93.4	93.5
>=400	26.3	78.3	83.1	87.2	90.1	91.4	93.1	93.8	93.9	93.9	94.4	94.6	94.7	94.8	94.9	95.0	95.0
>=300	26.3	78.4	83.2	87.5	90.6	92.1	94.0	95.0	95.1	95.1	95.7	96.1	96.1	96.3	96.4	96.6	96.7
>=200	26.3	78.4	83.3	87.5	90.8	92.3	94.5	95.7	95.8	95.8	96.6	97.1	97.2	97.6	97.7	98.0	98.2
>=100	26.3	78.4	83.3	87.5	90.8	92.4	94.6	95.8	95.9	95.9	96.8	97.5	97.5	98.2	98.3	98.8	99.3
>=0	26.3	78.4	83.3	87.5	90.8	92.4	94.6	95.8	95.9	95.9	96.8	97.5	97.6	98.3	98.4	99.0	100.0

TOTAL NO. OF OBS : 10184

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : ANN
 MOLR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=1/8
UNLIMIT	21.1	48.3	50.8	52.4	53.3	53.5	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	54.0
>=20000	21.9	52.3	55.2	57.2	58.3	58.5	58.8	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0
>=18000	22.0	52.5	55.4	57.3	58.4	58.7	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.2	59.2
>=16000	22.1	52.7	55.6	57.5	58.6	58.9	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.4	59.4
>=14000	22.5	53.4	56.3	58.3	59.4	59.6	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.2
>=12000	23.1	54.8	57.9	59.9	61.0	61.3	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8
>=10000	24.0	58.2	61.5	63.7	64.9	65.2	65.6	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.9
>= 9000	24.2	58.7	62.0	64.3	65.5	65.8	66.2	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.5
>= 8000	24.9	62.4	66.1	68.6	70.0	70.4	70.7	70.8	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.1
>= 7000	25.3	63.6	67.4	70.0	71.5	71.8	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.5	72.5
>= 6000	25.6	64.6	68.5	71.1	72.6	72.9	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.6	73.6
>= 5000	26.1	66.2	70.3	73.0	74.6	74.9	75.3	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.7
>= 4500	26.4	67.2	71.4	74.2	75.8	76.2	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.9	76.9
>= 4000	26.8	69.0	73.3	76.2	77.9	78.3	78.7	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.1	79.1
>= 3500	27.1	69.8	74.2	77.2	78.9	79.3	79.7	79.9	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.1
>= 3000	27.5	72.1	76.9	80.1	82.0	82.5	82.9	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.4
>= 2500	27.8	73.2	78.1	81.5	83.5	84.0	84.5	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.9	84.9
>= 2000	28.1	74.4	79.6	83.2	85.3	85.8	86.4	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.9
>= 1800	28.2	74.7	79.9	83.5	85.6	86.2	86.7	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.2	87.2
>= 1500	28.4	75.6	81.1	84.9	87.2	87.7	88.4	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.9	88.9
>= 1200	28.5	76.2	81.8	85.7	88.1	88.7	89.4	89.6	89.7	89.8	89.9	89.9	89.9	90.0	90.0	90.0
>= 1000	28.6	76.8	82.7	86.8	89.4	90.1	90.9	91.1	91.2	91.3	91.4	91.4	91.4	91.5	91.5	91.6
>= 900	28.6	77.1	83.0	87.2	89.9	90.6	91.4	91.7	91.7	91.9	92.0	92.0	92.1	92.1	92.1	92.2
>= 800	28.6	77.4	83.4	87.8	90.6	91.4	92.3	92.7	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.2
>= 700	28.6	77.6	83.7	88.3	91.2	92.1	93.1	93.5	93.5	93.8	93.9	93.9	94.0	94.0	94.0	94.1
>= 600	28.7	77.8	84.0	88.8	91.9	92.9	94.0	94.4	94.4	94.7	94.8	94.8	94.9	94.9	95.0	95.1
>= 500	28.7	78.0	84.3	89.2	92.5	93.6	94.9	95.4	95.4	95.8	95.9	95.9	96.0	96.1	96.1	96.2
>= 400	28.7	78.1	84.5	89.5	93.0	94.2	95.6	96.2	96.3	96.7	96.9	96.9	97.1	97.1	97.2	97.2
>= 300	28.7	78.1	84.6	89.6	93.2	94.5	96.1	96.8	96.9	97.4	97.7	97.7	97.9	98.0	98.1	98.2
>= 200	28.7	78.1	84.6	89.7	93.3	94.6	96.3	97.1	97.2	97.8	98.2	98.2	98.5	98.6	98.8	98.9
>= 100	28.7	78.1	84.6	89.7	93.3	94.6	96.3	97.2	97.2	97.9	98.3	98.4	98.8	98.8	99.2	99.6
>= 0	28.7	78.1	84.6	89.7	93.4	94.6	96.3	97.2	97.2	97.9	98.3	98.4	98.8	98.9	99.3	100.0

TOTAL NO. OF OBS : 119191

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JAN
PAGE 1

DRY-BULB		% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)															TOTAL		TOTAL OBS		
TEMP.	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	D.B./ W.B.	DRY	WET	DEW
(DEG F)																			BULB	BULB	PT.
>= 77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	0	0
>= 75	.0	.0	.0*	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3	0	0
>= 73	.0	.0	.0	.0	.0*	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	6	0	0
>= 71	.0	.0	.0	.0*	.0*	.0*	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	13	13	1	1
>= 69	.0	.0	.0	.0*	.0*	.0*	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	12	12	0	0
>= 67	.0	.0	.0*	.0*	.0*	.0*	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	20	20	0	0
>= 65	.0	.0	.1	.1	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	31	31	7	0
>= 63	.0	.1	.1	.1	.1	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	46	46	13	1
>= 61	.0	.2	.2	.1	.1	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	72	72	33	15
>= 59	.1	.2	.1	.1	.2	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	88	88	60	33
>= 57	.0*	.3	.2	.1	.1	.1	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	96	96	64	48
>= 55	.0*	.4	.2	.2	.2	.2	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	138	138	89	56
>= 53	.1	.5	.3	.3	.2	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	168	168	105	79
>= 51	.2	.7	.3	.3	.3	.2	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	205	205	151	107
>= 49	.2	.6	.5	.4	.4	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	253	253	154	140
>= 47	.2	.9	.7	.5	.5	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	318	318	207	142
>= 45	.4	1.2	.7	.8	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	390	390	269	172
>= 43	.7	1.5	1.0	1.0	.8	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	529	529	367	227
>= 41	1.0	1.5	1.7	1.4	.7	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	668	668	467	333
>= 39	1.2	1.8	1.9	1.5	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	758	758	568	360
>= 37	.9	2.2	2.6	1.9	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	847	847	648	369
>= 35	.9	2.5	2.9	1.9	.6	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	905	905	826	476
>= 33	.9	2.5	2.9	1.7	.4	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	860	860	868	509
>= 31	.6	2.6	2.3	1.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	731	731	964	597
>= 29	.5	2.1	2.6	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	654	654	857	592
>= 27	.3	2.0	2.3	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	559	559	696	609
>= 25	.3	1.4	2.2	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	454	454	650	653
>= 23	.2	1.3	1.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	372	372	514	594
>= 21	.2	1.1	1.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	284	284	473	539
>= 19	.2	.9	1.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	215	215	349	484
>= 17	.1	.7	.6	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	152	152	245	521
>= 15	.1	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	111	111	189	417
>= 13	.1	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	78	78	123	404
>= 11	.0*	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	45	45	83	379
>= 9	.1	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	32	32	51	312
>= 7	.0*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16	16	25	260
>= 5	.0*	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15	15	18	234
>= 3	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	13	148
>= 1	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	1	116
>= -1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3	8	73
>= -3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	49
>= -5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	36
>= -7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	25
>= -9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	16
>= -11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	4
>= -13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	6
>= -15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	5
>= -17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	7
>= -19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	6
>= -21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	2

3 - PSYCHROMETRIC SUMMARY

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JAN PAGE 2

DRY-BULB		Σ FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																TOTAL		TOTAL OBS		
TEMP.	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	D.B.- W.B.	DRY WET	OBS PT.		
(DEG F)																						
>-23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
>-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
>-27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
TOTAL	9.6	30.7	31.6	17.5	6.9	2.6	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	10164	10157			
																		10152	10156			

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	696340.	51245584.	68.6	18.569	10156
15 - DRY BULB	365199.	14270097.	35.9	10.629	10164
16 - WET BULB	330393.	11781649.	32.5	10.088	10156
17 - DEW PT.	261889.	8509675.	25.8	13.153	10157

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17A LONG. : 76 24W ELEV. : 40 FT
MONTH : FEB
PAGE 1

DRY-BULB		3 FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)										TOTAL		TOTAL OBS								
TEMP.	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	0.8./	DRY	WET	DEW	
(DEG F)																		W.B.	BULB	BULB	PT.	
>= 79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	1	1	0	0
>= 77	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	4	4	0	0
>= 75	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	6	6	0	0
>= 73	.0	.0	.0	.0	.0	.0	.0*	.0*	.1	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	10	10	0	0
>= 71	.0	.0	.0	.0	.0	.0*	.0	.0	.1	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	10	10	0	0
>= 69	.0	.0	.0	.0	.0*	.1	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	15	15	0	0
>= 67	.0	.0	.0*	.0*	.1	.1	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	25	25	0	0
>= 65	.0	.0	.0*	.0*	.1	.0*	.1	.0*	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	36	36	0	0
>= 63	.0	.0	.0*	.0*	.1	.1	.1	.0*	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	36	36	5	0
>= 61	.0	.1	.1	.2	.1	.1	.1	.0*	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	66	66	23	3
>= 59	.0*	.1	.1	.2	.2	.1	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	92	92	37	11
>= 57	.1	.2	.1	.1	.1	.2	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	105	105	54	23
>= 55	.1	.3	.2	.2	.2	.2	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	144	144	72	42
>= 53	.1	.5	.3	.3	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	181	181	106	62
>= 51	.1	.5	.4	.4	.4	.3	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	208	208	126	91
>= 49	.2	.7	.6	.6	.3	.4	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	277	277	159	99
>= 47	.3	.8	.6	.8	.6	.4	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	357	357	226	136
>= 45	.4	1.4	1.0	1.2	.8	.4	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	489	489	325	179
>= 43	.6	1.5	1.2	1.3	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	520	520	398	235
>= 41	.5	1.9	1.7	1.6	.9	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	648	648	495	279
>= 39	.8	2.1	2.1	1.6	.9	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	716	716	614	351
>= 37	.9	2.5	2.3	1.7	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	761	761	705	419
>= 35	.7	2.7	3.0	1.8	.8	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	830	830	770	466
>= 33	.7	3.0	2.6	1.7	.5	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	790	790	824	556
>= 31	.5	2.3	2.3	1.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	638	638	862	570
>= 29	.3	2.3	2.4	1.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	578	578	707	644
>= 27	.5	1.7	2.2	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	485	485	670	638
>= 25	.2	1.3	1.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	371	371	555	578
>= 23	.1	1.1	1.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	270	270	445	565
>= 21	.1	.8	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	161	161	344	478
>= 19	.0*	.8	.8	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	150	150	253	393
>= 17	.0	.6	.5	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	102	102	161	409
>= 15	.1	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	68	68	132	392
>= 13	.0*	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	50	50	67	341
>= 11	.0	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	20	63	300
>= 9	.0	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14	14	20	216
>= 7	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	5	16	192
>= 5	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	4	122
>= 3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	2	124
>= 1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	103
>= -1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	68
>= -3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	56
>= -5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	43
>= -7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	27
>= -9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	16
>= -11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	7
>= -13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	3
>= -15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	3

3 - PSYCHROMETRIC SUMMARY

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : FEB
PAGE 2

DRY-BULB

TEMP. 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 > 30 TOTAL TOTAL OBS
(DEG F)

TOTAL 7.4 30.3 28.9 18.4 8.4 3.6 1.6 .9 .3 .2 .1 .0* .L# .0 .0 .0 9240 9261 9240 9240
W.B. BULB WET DEW
PT.

ELEMENT(X)

SUM X SUM X**2 MEAN STD DEV # OBS

28 - REL HUM 619236. 44951552. 67.0 19.330 9240
15 - DRY BULB 346507. 13945625. 37.4 10.292 9261
16 - WET BULB 310384. 11245618. 33.6 9.418 9240
17 - DEW PT. 244477. 7909239. 26.5 12.488 9240

40 - MEAN NO. OF HOURS WITH TEMP.
<=0 F <=32 F >=67 F >=73 F >=80 F >=93 F TOTAL

.L 211.9 5.2 1.5 .1 .0 672
1.7 314.5 .0 .0 .0 672
16.2 457.3 .0 .0 .0 672

3 - PSYCHROMETRIC SUMMARY

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAR
PAGE : 1

DRY-BULB		2. FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL		TOTAL OBS	
TEMP.	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	0-8.7	DRY	WET	DEW	
(DEG F)																		W.B.	BULB	BULB	PT.	
>= 85	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	.0	2	2	0	0
>= 83	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	6	6	0	0
>= 81	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	12	12	0	0
>= 79	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	9	9	0	0
>= 77	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.1	.0*	.0*	.0*	.0	.0	.0	.0	.0	21	21	0	0
>= 75	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	25	25	0	0
>= 73	.0	.0	.0	.0	.0*	.0*	.1	.1	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	38	38	1	0
>= 71	.0	.0	.0*	.0*	.1	.1	.1	.0*	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	57	57	1	1
>= 69	.0	.0	.0*	.0*	.1	.1	.1	.1	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	57	57	5	0
>= 67	.0	.0	.0*	.1	.2	.2	.2	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	84	84	13	1
>= 65	.0	.0*	.1	.2	.1	.3	.1	.1	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	126	126	29	3
>= 63	.0*	.1	.2	.3	.3	.2	.3	.1	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	180	180	42	15
>= 61	.0*	.2	.3	.3	.3	.2	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	208	208	101	32
>= 59	.1	.3	.5	.3	.3	.3	.3	.2	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	248	248	134	66
>= 57	.1	.5	.5	.4	.4	.5	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	296	296	176	104
>= 55	.2	.5	.3	.5	.5	.5	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	359	359	244	154
>= 53	.2	.7	.9	.7	.7	.6	.6	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	476	476	252	159
>= 51	.2	.9	.8	.7	.9	.8	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	511	511	302	196
>= 49	.4	1.1	.9	1.0	1.2	1.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	627	627	416	261
>= 47	.6	1.7	1.4	1.3	1.4	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	780	780	538	343
>= 45	.8	2.0	1.6	1.6	1.5	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	865	865	704	407
>= 43	1.0	2.0	1.8	2.0	1.7	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	944	944	825	459
>= 41	.9	2.0	2.2	1.9	1.2	.5	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	901	901	906	540
>= 39	.8	1.8	2.2	1.7	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	825	825	1002	571
>= 37	.7	1.9	1.7	1.6	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	728	728	995	654
>= 35	.5	1.3	1.7	1.4	.5	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	570	570	937	705
>= 33	.3	1.0	1.4	1.4	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	449	449	658	666
>= 31	.2	.8	1.4	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	367	367	635	659
>= 29	.1	.7	1.1	.6	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	267	267	493	668
>= 27	.1	.5	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	159	159	407	600
>= 25	.1	.2	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	96	96	260	582
>= 23	.0*	.1	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	51	51	151	497
>= 21	.0*	.1	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	35	35	83	423
>= 19	.0*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17	17	60	346
>= 17	.0*	.0*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13	13	26	335
>= 15	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	6	11	312
>= 13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	6	229
>= 11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	2	143
>= 9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	97
>= 7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	81
>= 5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	51
>= 3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	25
>= 1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	16
>= -1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	7
>= -3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	6
>= -5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1

3 - PSYCHROMETRIC SUMMARY

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAR
PAGE 2

DRY-BULB		2 FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																TOTAL				TOTAL OBS																					
TEMP.	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	C.B.7	DRY	WET	DEW																						
(DEG F)																		W.B.	BULB	BULB	PT.																						
TOTAL	7.4	20.7	22.8	19.5	13.9	7.7	4.4	1.9	1.0	.6	.2	.1	.0*	.0	.0	.0	.0		10415	10416	10415																						
ELEMENT(X)																						SUM X		SUM X**2		MEAN STD DEV		# OBS		40 - MEAN NO. OF HOURS WITH TEMP.												TOTAL	
																						<=0 F		<=32 F		>=67 F		>=73 F		>=80 F		>=93 F		TOTAL									
28 - REL HUM	680681.		48789733.		65.4		20.328		10415				.0		72.3		22.2		8.1		1.8		.0		744																		
15 - DRY BULB	468653.		22174407.		45.0		10.221		10416				.1		152.5		1.4		.1		.0		.0		744																		
16 - WET BULB	416561.		17506245.		40.0		9.010		10415				1.0		362.7		.1		.0		.0		.0		744																		
17 - DEW PT.	341749.		12667081.		32.8		11.813		10415																																		

ELEMENT(X)		SUM X	SUM X**2	MEAN	STD DEV	# OBS	40 - MEAN NO. OF HOURS WITH TEMP.						TOTAL					
							<=0 F		<=32 F		>=67 F		>=73 F		>=80 F		>=93 F	
28 - REL HUM	680681.	48789733.	65.4	20.328	10415		.0	72.2	22.2	8.1	1.8	.0	.0	.0	.0	.0	.0	744
15 - DRY BULB	468653.	22174407.	45.0	10.221	10416		.1	152.5	1.4	.1	.0	.0	.0	.0	.0	.0	.0	744
16 - WET BULB	416561.	17506285.	40.0	9.010	10415		1.0	362.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	744
17 - DEW PT.	341749.	12667081.	32.8	11.813	10415													

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013721 PAYUXENT RIVER. MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : APR PAGE 1

DRY-BULB		WET BULB		TEMP.		FREQ.		WET BULB		TEMP.		DEPRESSION (DEG F)		TOTAL		TOTAL OBS																									
TEMP.		TEMP.		TEMP.		TEMP.		TEMP.		TEMP.		TEMP.		TEMP.		TEMP.																									
(DEG F)		(DEG F)		(DEG F)		(DEG F)		(DEG F)		(DEG F)		(DEG F)		(DEG F)		(DEG F)																									
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23-24		25-26		27-28		29-30		> 30		0.8-1		DRY		WET		DEM	
0		1-2		3-4		5-6		7-8		9-10		11-12		13-14		15-16		17-18		19-20		21-22		23																	

3 - PSYCHROMETRIC SUMMARY

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : APR
PAGE 2

DRY-BULB 3 FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F) TOTAL TOTAL OBS
TEMP. 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 > 30 0.5.7 DRY WET DEW
(DEG F) W.B. BULB BULB PT.
TOTAL 4.6 15.9 19.0 17.3 14.7 11.5 7.4 4.6 2.4 1.2 .8 .3 .2 .1 .0* .0 10076 10076 10074

ELEMENT(X) SUM X SUM X**2 MEAN STD DEV # OBS 4C - MEAN NO. OF HOURS WITH TEMP.

	SUM X	SUM X**2	MEAN	STD DEV	# OBS	<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
28 - REL HUM	650069.	45967141.	64.5	19.974	10074							
15 - DRY BULB	556275.	31624879.	55.2	9.525	10076	.0	1.5	86.6	35.4	10.9	.0	720
16 - WET BULB	491737.	24655343.	48.8	8.048	10074	.4	11.5	6.6	.1	.0	.0	720
17 - DEW PT.	424073.	18987523.	42.1	10.634	10076	.0	140.2	.4	.1	.0	.0	720

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAY
PAGE 1

DRY-BULB		3 FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)										TOTAL		TOTAL OBS									
TEMP.		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	D.B./	DRY	WET	DEW	
(DEG F)																			W.B.	BULB	BULB	PT.	
>= 95	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	1	1	0	0
>= 93	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	6	6	0	0
>= 91	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	12	12	0	0
>= 89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	17	17	0	0
>= 87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	35	35	0	0
>= 85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0*	.0	.0	.0	.0	.0	64	64	0	0
>= 83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0*	.0	.0	.0	.0	.0	92	92	0	0
>= 81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0*	.0	.0	.0	.0	.0	170	170	0	0
>= 79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0*	.0	.0	.0	.0	.0	229	229	1	0
>= 77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0*	.0	.0	.0	.0	.0	272	272	10	0
>= 75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0*	.0	.0	.0	.0	.0	363	363	22	2
>= 73	.0*	.1	.6	.8	1.0	.9	.9	.6	.4	.4	.2	.1	.0*	.0	.0	.0	.0	.0	.0	529	529	83	16
>= 71	.0*	.4	1.2	1.1	1.1	.8	.8	.7	.5	.3	.2	.0*	.0	.0	.0	.0	.0	.0	.0	649	649	200	41
>= 69	.1	1.0	1.4	1.4	1.4	1.2	.8	.8	.4	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	781	781	443	162
>= 67	.3	1.4	1.8	1.4	1.1	1.0	.7	.4	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	860	860	646	362
>= 65	.4	1.4	1.8	1.5	1.3	1.3	.9	.9	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	968	968	785	511
>= 63	.6	2.3	1.6	1.7	1.4	.8	.6	.6	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	963	963	883	642
>= 61	.6	2.1	1.6	1.7	1.3	.9	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	945	945	974	786
>= 59	.6	1.8	1.7	1.5	1.3	.8	.5	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	875	875	1025	849
>= 57	.6	1.6	1.6	1.5	1.0	.6	.3	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	761	761	1033	853
>= 55	.5	1.4	1.4	1.0	.6	.5	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	555	555	1018	786
>= 53	.3	1.2	1.0	.9	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	452	452	860	783
>= 51	.2	.9	.9	.7	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	330	330	743	745
>= 49	.3	.5	.6	.4	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	233	233	624	753
>= 47	.0*	.3	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	144	144	412	656
>= 45	.0*	.1	.2	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	68	68	283	582
>= 43	.0	.1	.0*	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	22	172	443
>= 41	.0	.0*	.0*	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	12	100	384
>= 39	.0	.0	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	4	61	277
>= 37	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	23	225
>= 35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	9	156
>= 33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	2	142
>= 31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	1	84
>= 29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	57
>= 27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	42
>= 25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	33
>= 23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	19
>= 21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	18
>= 19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	3
TOTAL	4.4	16.7	18.1	17.0	14.2	11.2	8.3	4.7	2.7	1.4	.6	.4	.1	.1	.1	.0	.0	.0	.0	10413	10415	10412	10412

4C - MEAN NO. OF HOURS WITH TEMP.

<=0 F <=32 F >=67 F >=73 F >=80 F >=93 F TOTAL

ELEMENT(X)	SUM X	SUM X**2	MEAN STD DEV	# OBS
28 - REL HUM	720641.	53318869.	69.2 18.193	10413
15 - DRY BULB	671694.	44077986.	64.5 8.534	10415
16 - WET BULB	604660.	35669448.	58.1 7.322	10413
17 - DEW PT.	553200.	30317746.	53.1 9.429	10412

3 - PSYCHROMETRIC SUMMARY

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JUN
PAGE 1

DRY-BULB		2 FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																TOTAL		TOTAL OBS			
TEMP.	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	0.8./	W.8.	DRY	WET	DEW	
(DEG F)																				BULB	BULB	PT.	
>= 99	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	2	2	0	0
>= 97	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	3	3	0	0
>= 95	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	17	17	0	0
>= 93	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	32	32	0	0
>= 91	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	80	80	0	0
>= 89	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	140	140	0	0
>= 87	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	185	185	0	0
>= 85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	291	291	0	0
>= 83	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	371	371	2	0
>= 81	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	549	549	14	2
>= 79	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	670	670	80	7
>= 77	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	851	851	213	36
>= 75	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	1020	1020	485	143
>= 73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1090	1090	779	357
>= 71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1010	1010	1124	678
>= 69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	967	967	1284	1071
>= 67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	763	763	1095	1127
>= 65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	663	663	1086	924
>= 63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	487	487	1022	904
>= 61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	377	377	850	887
>= 59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	246	246	775	855
>= 57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	164	164	515	730
>= 55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	67	67	355	596
>= 53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	23	203	515
>= 51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9	9	124	368
>= 49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	43	298
>= 47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	21	227
>= 45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	6	153
>= 43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	4	87
>= 41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	56
>= 39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	23
>= 37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	11
>= 35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	11
>= 33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	9
>= 31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	3
>= 29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0
>= 27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0
>= 25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1
TOTAL	2.3	12.5	18.9	18.2	15.3	11.6	9.0	6.1	3.3	1.7	.7	.2	.1	.0	.0	.0	.0	.0	.0	10080	10080	10079	

4C - MEAN NO. OF HOURS WITH TEMP.

<=0 F <=32 F >=67 F >=73 F >=80 F >=93 F TOTAL

ELEMENT(X) SUM X SUM X**2 MEAN STD DEV # OBS

28 - REL HUM	709281.	52456519.	70.4	15.899	10080
15 - DRY BULB	736552.	54412712.	73.1	7.666	10080
16 - WET BULB	666264.	44436770.	66.1	6.286	10080
17 - DEW PT.	625349.	39401451.	62.0	7.728	10079

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17A LONG. : 76 24W ELEV. : 40 FT MONTH : JUL PAGE 1

397d

DRY-BULB		2 FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)												TOTAL		TOTAL OBS					
TEMP.	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	0.8-1/	DRY	WET	DEW
(DEG F)																		W.B.	BULB	BULB	PT.
>=101	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0*	0.0	0.0	0.0	0.0	0.0	0.0	1	1	0	0
>=99	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0*	0.0*	0.0*	0.0	0.0	0.0	0.0	0.0	4	4	0	0
>=97	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0*	0.0*	0.0*	0.0*	0.0*	0.0*	0.0	0.0	0.0	17	17	0	0
>=95	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0*	0.1	0.1	0.0*	0.0*	0.0*	0.0	0.0	0.0	0.0	38	38	0	0
>=93	0.0	0.0	0.0	0.0	0.0	0.0	0.0*	0.2	0.2	0.1	0.1	0.1	0.0*	0.0*	0.0	0.0	0.0	80	80	0	0
>=91	0.0	0.0	0.0	0.0*	0.0	0.0*	0.3	0.4	0.5	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	158	158	0	0
>=89	0.0	0.0	0.0	0.0	0.0*	0.4	0.7	0.7	0.6	0.2	0.1	0.0*	0.0*	0.0	0.0	0.0	0.0	277	277	0	0
>=87	0.0	0.0	0.0*	0.0*	0.3	0.9	1.1	0.7	0.4	0.2	0.1	0.0*	0.0*	0.0	0.0	0.0	0.0	388	388	0	0
>=85	0.0	0.0	0.0*	0.2	1.1	1.6	1.2	0.8	0.4	0.2	0.1	0.0*	0.0*	0.0	0.0	0.0	0.0	600	600	1	0
>=83	0.0	0.0	0.1	0.8	2.0	1.6	0.9	0.7	0.5	0.2	0.1	0.0*	0.0	0.0	0.0	0.0	0.0	722	722	3	2
>=81	0.0	0.0*	0.6	1.9	2.1	1.5	1.0	0.7	0.5	0.2	0.1	0.0*	0.0	0.0	0.0	0.0	0.0	893	893	40	1
>=79	0.0*	0.2	2.1	2.7	2.3	1.4	1.1	0.8	0.5	0.2	0.1	0	0	0	0	0	0	1183	1183	225	17
>=77	0.0*	1.1	3.0	2.5	2.1	1.3	0.8	0.7	0.3	0.1	0.0*	0	0	0	0	0	0	1243	1243	638	132
>=75	0.2	2.9	3.6	2.2	1.6	1.1	0.9	0.3	0.2	0.0*	0	0	0	0	0	0	0	1357	1357	1349	520
>=73	0.5	3.1	2.8	2.4	1.6	1.0	0.5	0.2	0.1	0.0	0	0	0	0	0	0	0	1242	1242	1714	1223
>=71	0.4	2.4	2.0	1.7	1.0	0.6	0.2	0.1	0.0	0	0	0	0	0	0	0	0	877	877	1674	1541
>=69	0.3	1.4	1.7	1.1	0.8	0.3	0.1	0.0*	0.0	0	0	0	0	0	0	0	0	606	606	1374	1487
>=67	0.1	0.8	1.3	0.7	0.5	0.2	0.1	0	0.0	0	0	0	0	0	0	0	0	379	379	1098	1178
>=65	0.1	0.4	0.6	0.4	0.3	0.1	0.0*	0	0	0	0	0	0	0	0	0	0	202	202	932	1001
>=63	0.0*	0.2	0.3	0.2	0.1	0.0*	0	0	0	0	0	0	0	0	0	0	0	86	86	621	830
>=61	0.0*	0.1	0.1	0.1	0.1	0.0*	0	0	0	0	0	0	0	0	0	0	0	37	37	392	713
>=59	0.0	0.1	0.1	0.0	0.0*	0	0	0	0	0	0	0	0	0	0	0	0	15	15	201	563
>=57	0.0	0.0*	0.0*	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	101	442
>=55	0.0	0.0*	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	38	274
>=53	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	207
>=51	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	123
>=49	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84
>=47	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53
>=45	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
>=43	0.0	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
TOTAL	1.8	12.7	18.2	17.0	15.6	12.1	9.0	6.3	4.1	2.0	0.9	0.3	0.1	0.0*	0.0	0.0	0.0	10410	10414	10413	10410

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
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4C - MEAN NO. OF HOURS WITH TEMP.
 <=0 F <=32 F >=67 F >=73 F >=80 F >=93 F TOTAL

28 - REL HUM	741456.	55309996.	71.2	15.481	10409
15 - DRY BULB	808260.	63157442.	77.6	6.397	10414
16 - WET BULB	733054.	51873192.	70.4	4.928	10410
17 - DEW PT.	695577.	46874789.	66.8	6.283	10413

3 - PSYCHROMETRIC SUMMARY

013721 PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : AUG
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DRY-BULB		3 FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																TOTAL		TOTAL OBS		
TEMP.	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	0.8./	DRY	WET	DEW	
(DEG F)																		W.B.	BULB	BULB	PT.	
>=101	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	2	2	0	0
>= 99	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0
>= 97	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0*	.0*	.0	.0*	.0	.0	.0	.0	6	6	0	0
>= 95	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.1	.0*	.0*	.0	.0	.0	.0	.0	26	26	0	0
>= 93	.0	.0	.0	.0	.0	.0*	.0*	.0*	.1	.2	.1	.0*	.0*	.0	.0	.0	.0	.0	49	49	0	0
>= 91	.0	.0	.0	.0	.0*	.0*	.2	.3	.3	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	98	98	0	0
>= 89	.0	.0	.0	.0	.1	.2	.5	.5	.4	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	193	193	0	0
>= 87	.0	.0	.0	.0*	.2	.7	1.1	.7	.3	.2	.1	.0*	.0	.0	.0	.0	.0	.0	340	340	0	0
>= 85	.0*	.0	.0	.2	.8	1.3	1.1	.8	.3	.2	.0*	.0	.0	.0	.0	.0	.0	.0	494	494	1	0
>= 83	.0	.0	.1	.7	1.5	1.4	.9	.6	.4	.2	.1	.0*	.0	.0	.0	.0	.0	.0	609	609	4	0
>= 81	.0	.0*	.5	1.6	1.9	1.3	.8	.7	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	765	765	22	3
>= 79	.0	.3	1.9	2.8	1.9	1.4	1.0	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	1056	1056	161	10
>= 77	.0	1.1	3.0	2.7	1.9	1.0	1.0	.5	.3	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	1211	1211	532	108
>= 75	.2	2.9	3.9	2.7	1.6	1.2	.7	.4	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	1441	1441	1141	434
>= 73	.6	3.1	3.7	2.2	1.5	.7	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1319	1319	1650	1087
>= 71	.7	2.9	2.5	1.8	1.1	.6	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	1045	1045	1737	1541
>= 69	.4	1.7	1.8	1.4	.9	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	717	717	1512	1553
>= 67	.2	.9	1.4	1.0	.7	.3	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	482	482	1087	1264
>= 65	.1	.7	.8	.6	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	280	280	930	946
>= 63	.1	.2	.4	.4	.2	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	149	149	638	887
>= 61	.0*	.2	.2	.2	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	80	80	453	710
>= 59	.0	.0*	.1	.1	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	33	33	275	597
>= 57	.0	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	12	146	417
>= 55	.0	.0	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	7	70	280
>= 53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	24	235
>= 51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	14	145
>= 49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	11	93
>= 47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	4	45
>= 45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	2	18
>= 43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	15
>= 41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	9
>= 39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	9
>= 37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	3
>= 35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	4
>= 33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0
>= 31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1
TOTAL	2.4	14.2	20.4	18.4	14.8	11.0	8.6	5.6	2.8	1.3	.5	.1	.0*	.0*	.0	.0	.0	.0	10414	10415	10414	

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	#	OBS	40 - MEAN NO. OF HOURS WITH TEMP.						TOTAL	
							<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F		
28 - REL HUM	759541.	57723555.	72.9	14.948		10414	.0	.0	.0	.0	.0	.0	5.9	744
15 - DRY BULB	796193.	61292743.	76.4	6.399		10415	.0	.0	.0	.0	.0	.0	6.4	744
16 - WET BULB	727298.	51069704.	69.8	5.151		10414	.0	.0	.0	.0	.0	.0	.0	744
17 - DEW PT.	692064.	46420176.	66.5	6.418		10414	.0	.0	.0	.0	.0	.0	.0	744

3 - PSYCHROMETRIC SUMMARY

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : SEP
PAGE 1

DRY-BULB 8 FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)

TEMP. (DEG F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	D.B./ W.B.	DRY BULB	WET BULB	DEW PT.	
>= 97	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	1	1	0	0	
>= 95	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0*	.0*	.0	.0	.0	.0	.0	7	7	0	0
>= 93	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	6	6	0	0
>= 91	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	30	30	0	0
>= 89	.0	.0	.0	.0	.0	.0	.0*	.1	.1	.0*	.1	.0*	.0	.0	.0*	.0	.0	.0	58	58	0	0
>= 87	.0	.0	.0	.0*	.0*	.2	.3	.3	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	96	96	0	0
>= 85	.0	.0	.0	.0*	.3	.4	.4	.3	.2	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	177	177	0	0
>= 83	.0	.0	.1	.2	.6	.7	.5	.3	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	261	261	0	0
>= 81	.0	.0*	.1	.5	1.0	.9	.4	.4	.1	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	369	369	9	2
>= 79	.0*	.1	.5	1.1	1.0	1.0	.5	.4	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	512	512	39	11
>= 77	.1	.5	1.1	1.3	1.3	.8	.7	.5	.2	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	653	653	172	40
>= 75	.2	1.2	1.9	1.5	1.4	.8	1.0	.5	.2	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	880	880	374	163
>= 73	.3	2.0	2.1	1.6	1.0	.9	.7	.3	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	937	937	681	343
>= 71	.4	2.3	2.4	1.8	1.2	.9	.8	.3	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	1045	1045	948	633
>= 69	.6	1.9	2.3	1.9	1.2	1.0	.6	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	986	986	1015	858
>= 67	.6	1.5	2.2	1.7	1.2	.9	.5	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	881	881	967	875
>= 65	.6	1.7	2.3	1.8	1.0	.6	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	859	859	962	851
>= 63	.3	1.4	1.6	1.2	.8	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	622	622	985	823
>= 61	.4	1.3	1.2	1.2	.7	.5	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	544	544	897	798
>= 59	.3	.9	1.0	1.1	.5	.3	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	437	437	827	827
>= 57	.3	.6	.7	.9	.4	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	320	320	682	783
>= 55	.1	.2	.6	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	164	164	499	630
>= 53	.0*	.1	.3	.3	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	97	97	362	498
>= 51	.0	.0*	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	55	55	263	493
>= 49	.0	.1	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	31	31	155	354
>= 47	.0	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	6	109	298
>= 45	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	69	230
>= 43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	18	163
>= 41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	1	134
>= 39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	2	100
>= 37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	59
>= 35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	38
>= 33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	23
>= 31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	7
>= 29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	2
>= 27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0
>= 25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1
TOTAL	4.2	15.8	20.8	18.8	14.4	10.8	7.5	4.3	2.1	.7	.4	.1	.0	.0	.0	.0	.0	.0	10074	10036	10037	

ELEMENTIX) SUM X SUM X**2 MEAN STD DEV # OBS

ELEMENTIX)	SUM X	SUM X**2	MEAN	STD DEV	# OBS	4C - MEAN NO. OF HOURS WITH TEMP.	TOTAL
28 - REL HUM	729524.	55590824.	72.7	15.976	10036	<=0 F <=32 F >=67 F >=73 F >=80 F >=93 F	
15 - DRY BULB	709869.	50640839.	70.5	7.843	10074	.C .0 495.4 286.4 92.1 1.1	720
16 - WET BULB	645826.	42071416.	64.4	7.142	10036	3.2 3.2 301.7 91.5 1.7 .0	720
17 - DEW PT.	607585.	37558527.	60.5	8.808	10037	.C .7 209.8 40.1 .3 .0	720

DRY-BULB	WET BULB	FREQ.	TEMPERATURE DEPRESSION (DEG F)
80	65	1	15
80	66	1	14
80	67	1	13
80	68	1	12
80	69	1	11
80	70	1	10
80	71	1	9
80	72	1	8
80	73	1	7
80	74	1	6
80	75	1	5
80	76	1	4
80	77	1	3
80	78	1	2
80	79	1	1
80	80	1	0
80	81	1	-1
80	82	1	-2
80	83	1	-3
80	84	1	-4
80	85	1	-5
80	86	1	-6
80	87	1	-7
80	88	1	-8
80	89	1	-9
80	90	1	-10
80	91	1	-11
80	92	1	-12
80	93	1	-13
80	94	1	-14
80	95	1	-15
80	96	1	-16
80	97	1	-17
80	98	1	-18
80	99	1	-19
80	100	1	-20
80	101	1	-21
80	102	1	-22
80	103	1	-23
80	104	1	-24
80	105	1	-25
80	106	1	-26
80	107	1	-27
80	108	1	-28
80	109	1	-29
80	110	1	-30
80	111	1	-31
80	112	1	-32
80	113	1	-33
80	114	1	-34
80	115	1	-35
80	116	1	-36
80	117	1	-37
80	118	1	-38
80	119	1	-39
80	120	1	-40
80	121	1	-41
80	122	1	-42
80	123	1	-43
80	124	1	-44
80	125	1	-45
80	126	1	-46
80	127	1	-47
80	128	1	-48
80	129	1	-49
80	130	1	-50
80	131	1	-51
80	132	1	-52
80	133	1	-53
80	134	1	-54
80	135	1	-55
80	136	1	-56
80	137	1	-57
80	138	1	-58
80	139	1	-59
80	140	1	-60
80	141	1	-61
80	142	1	-62
80	143	1	-63
80	144	1	-64
80	145	1	-65
80	146	1	-66
80	147	1	-67
80	148	1	-68
80	149	1	-69
80	150	1	-70
80	151	1	-71
80	152	1	-72
80	153	1	-73
80	154	1	-74
80	155	1	-75
80	156	1	-76
80	157	1	-77
80	158	1	-78
80	159	1	-79
80	160	1	-80
80	161	1	-81
80	162	1	-82
80	163	1	-83
80	164	1	-84
80	165	1	-85
80	166	1	-86
80	167	1	-87
80	168	1	-88
80	169	1	-89
80	170	1	-90
80	171	1	-91
80	172	1	-92
80	173	1	-93
80	174	1	-94
80	175	1	-95
80	176	1	-96
80	177	1	-97
80	178	1	-98
80	179	1	-99
80	180	1	-100
80	181	1	-101
80	182	1	-102
80	183	1	-103
80	184	1	-104
80	185	1	-105
80	186	1	-106
80	187	1	-107
80	188		

TEMP. (DEG F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>30	0-8.7 W.B.	DRY BULB	WET BULB	DEW PT.	
>= 91	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	1	1	0	0
>= 89	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	4	4	0	0
>= 87	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	10	10	0	0
>= 85	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	12	12	0	0
>= 83	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	41	41	0	0
>= 81	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	35	35	0	0
>= 79	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	81	81	0	0
>= 77	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	116	116	0	0
>= 75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	156	156	10	0
>= 73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	291	291	42	7
>= 71	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	372	372	125	36
>= 69	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	523	523	208	97
>= 67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	686	686	371	227
>= 65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	768	768	546	364
>= 63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	905	905	715	516
>= 61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	977	977	827	644
>= 59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	980	980	813	669
>= 57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	865	865	834	712
>= 55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	800	800	846	628
>= 53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	738	738	789	751
>= 51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	585	585	866	634
>= 49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	489	489	844	640
>= 47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	342	342	714	641
>= 45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	238	238	594	591
>= 43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	148	148	423	579
>= 41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	113	113	323	577
>= 39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	74	74	226	462
>= 37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	33	33	132	374
>= 35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16	16	87	305
>= 33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	10	47	284
>= 31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	19	191
>= 29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	7	152
>= 27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	2	129
>= 25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	1	79
>= 23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	44
>= 21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	34
>= 19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	25
>= 17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	13
>= 15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	4
>= 13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	2
TOTAL	5.1	19.5	22.7	19.7	13.2	9.9	5.7	2.4	1.3	.4	.1	.0*	.0	.0*	.0	.0	.0	.0	10414	10414	10411	10411

ELEMENT	(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
1	1	1	1	1	0	1
2	2	2	4	2	0	1
3	3	3	9	3	0	1
4	4	4	16	4	0	1
5	5	5	25	5	0	1
6	6	6	36	6	0	1
7	7	7	49	7	0	1
8	8	8	64	8	0	1
9	9	9	81	9	0	1
10	10	10	100	10	0	1
11	11	11	121	11	0	1
12	12	12	144	12	0	1
13	13	13	169	13	0	1
14	14	14	196	14	0	1
15	15	15	225	15	0	1
16	16	16	256	16	0	1
17	17	17	289	17	0	1
18	18	18	324	18	0	1
19	19	19	361	19	0	1
20	20	20	400	20	0	1
21	21	21	441	21	0	1
22	22	22	484	22	0	1
23	23	23	529	23	0	1
24	24	24	576	24	0	1
25	25	25	625	25	0	1
26	26	26	676	26	0	1
27	27	27	729	27	0	1
28	28	28	784	28	0	1
29	29	29	841	29	0	1
30	30	30	900	30	0	1
31	31	31	961	31	0	1
32	32	32	1024	32	0	1
33	33	33	1089	33	0	1
34	34	34	1156	34	0	1
35	35	35	1225	35	0	1
36	36	36	1296	36	0	1
37	37	37	1369	37	0	1
38	38	38	1444	38	0	1
39	39	39	1521	39	0	1
40	40	40	1600	40	0	1
41	41	41	1681	41	0	1
42	42	42	1764	42	0	1
43	43	43	1849	43	0	1
44	44	44	1936	44	0	1
45	45	45	2025	45	0	1
46	46	46	2116	46	0	1
47	47	47	2209	47	0	1
48	48	48	2304	48	0	1
49	49	49	2401	49	0	1
50	50	50	2500	50	0	1
51	51	51	2601	51	0	1
52	52	52	2704	52	0	1
53	53	53	2809	53	0	1
54	54	54	2916	54	0	1
55	55	55	3025	55	0	1
56	56	56	3136	56	0	1
57	57	57	3249	57	0	1
58	58	58	3364	58	0	1
59	59	59	3481	59	0	1
60	60	60	3600	60	0	1
61	61	61	3721	61	0	1
62	62	62	3844	62	0	1
63	63	63	3969	63	0	1
64	64	64	4096	64	0	1
65	65	65	4225	65	0	1

4C - MEAN NO. OF HOURS WITH TEMP.

<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
-------	--------	--------	--------	--------	--------	-------

[illegible]

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MONTH : NOV PAGE

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DRY-BULB

TEMP. 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 > 30 D.B./ TOTAL TOTAL OBS
(DEG F)

TOTAL 6.2 20.9 24.7 21.9 14.0 7.3 2.9 1.5 .4 .1 .1 .0 .0 .0 .0 .0 .0 10066 10072 10066 10068

ELEMENT(X)

SUM X SUM X**2 MEAN STD DEV # OBS

28 - REL HUM 695864. 51380534. 69.1 18.039 10066
15 - DRY BULB 499018. 25658600. 49.5 9.634 10072
16 - WET BULB 450945. 21071357. 44.8 9.295 10066
17 - DEW PT. 392330. 16716282. 39.0 11.845 10068

4C - MEAN NO. OF HOURS WITH TEMP.
<=0 F <=32 F >=67 F >=73 F >=80 F >=93 F TOTAL

.C 23.C 29.7 6.1 .6 .0 720
.4 61.4 4.9 .0 .0 720
.3 229.8 1.8 .0 .0 720

LAT. : 38 17A LONG. : 76 24W ELEV. : 40 FT
MONTH : DEC PAGE 1

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2 FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)

	TOTAL	TOTAL OBS
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20
21	21	21
22	22	22
23	23	23
24	24	24
25	25	25
26	26	26
27	27	27
28	28	28
29	29	29
30	30	30
31	31	31
32	32	32
33	33	33
34	34	34
35	35	35
36	36	36
37	37	37
38	38	38
39	39	39
40	40	40
41	41	41
42	42	42
43	43	43
44	44	44
45	45	45
46	46	46
47	47	47
48	48	48
49	49	49
50	50	50
51	51	51
52	52	52
53	53	53
54	54	54
55	55	55
56	56	56
57	57	57
58	58	58
59	59	59
60	60	60
61	61	61
62	62	62
63	63	63
64	64	64
65	65	65
66	66	66
67	67	67
68	68	68
69	69	69
70	70	70
71	71	71
72	72	72
73	73	73
74	74	74
75	75	75
76	76	76
77	77	77
78	78	78
79	79	79
80	80	80
81	81	81
82	82	82
83	83	83
84	84	84
85	85	85
86	86	86
87	87	87
88	88	88
89	89	89
90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

TEMP.	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	0-8.7	DRY	WET	DEM
(DEG F)																			BULB	BULA	PT.

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2 FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F) TOTAL TOTAL OBS
W.B. DRY WET DEW
PT. BULB PT.

0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 > 30 10382 10387 10393

40 - MEAN NO. OF HOURS WITH TEMP.
<=0 F <=32 F >=67 F >=73 F >=80 F >=93 F TOTAL

28 - REL HUM 715661. 52822193. 68.9 18.335 10382
15 - DRY BULB 414017. 17545079. 39.9 10.020 10387
16 - WET BULB 374778. 14489250. 36.1 9.618 10382
17 - DEW PT. 308521. 10797873. 29.7 12.560 10393

3 - PSYCHROMETRIC SUMMARY

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DRY-BULB TEMP. (DEG F)		% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)										TOTAL										TOTAL OBS		
		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	D.B./ W.B.	DRY BULB	WET BULB	DEW PT.		
>=101	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.C*	.0	.C	.0	.0	.0	3	3	0	0	
>= 99	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.C	.0	.0	.0	.0	.0	6	6	0	0	
>= 97	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.U*	.0*	.0	.0	.0	.0	27	27	0	0	
>= 95	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.U*	.0	.0	.0	.0	.0	69	89	0	0	
>= 93	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.C*	.0*	.0	.0	.0	.0	173	173	0	0	
>= 91	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.1	.1	.0*	.0*	.0*	.C*	.0*	.0	.0	.0*	.0	382	382	0	0	
>= 89	.0	.0	.0	.0	.0	.0*	.1	.1	.1	.1	.0*	.0*	.0*	.U*	.0	.0*	.0	.0	.0	695	695	0	0	
>= 87	.0	.0	.0*	.0*	.0*	.1	.2	.3	.2	.1	.1	.0*	.0*	.U*	.0*	.0	.0	.0	.0	1059	1059	0	0	
>= 85	.0*	.0	.0	.0*	.0*	.2	.3	.3	.2	.1	.1	.0*	.0*	.U*	.0*	.0*	.0	.0	.0	1660	1660	2	0	
>= 83	.0	.0*	.0*	.2	.4	.4	.4	.3	.2	.1	.1	.0*	.0*	.U*	.0*	.0	.0	.0	.0	2136	2136	9	2	
>= 81	.0*	.0*	.1	.4	.5	.4	.3	.2	.1	.1	.1	.0*	.0*	.C*	.0*	.C	.0	.0	.0	2849	2849	85	8	
>= 79	.0*	.1	.4	.7	.6	.5	.4	.3	.1	.1	.1	.0*	.0*	.U*	.0*	.C	.0	.0	.0	3805	3805	506	45	
>= 77	.0*	.3	.7	.7	.7	.7	.4	.3	.3	.1	.1	.0*	.0*	.U*	.0	.0	.0	.0	.0	4476	4476	1565	316	
>= 75	.1	.6	1.0	.8	.6	.6	.5	.4	.2	.1	.0*	.0*	.0*	.C*	.0	.0	.0	.0	.0	5376	5376	3381	1262	
>= 73	.1	.8	1.0	.8	.6	.6	.5	.3	.2	.1	.1	.0*	.0*	.U*	.0	.0	.0	.0	.0	5637	5637	4952	3034	
>= 71	.2	.9	.9	.8	.6	.6	.4	.3	.2	.1	.1	.0*	.0*	.U*	.0	.0	.0	.0	.0	5339	5339	5816	4472	
>= 69	.2	.7	.9	.8	.6	.6	.4	.3	.2	.1	.0*	.0*	.0*	.C	.0	.C	.0	.0	.0	5043	5043	5881	5230	
>= 67	.1	.6	.9	.7	.5	.4	.4	.2	.1	.1	.0*	.0*	.0	.U	.0	.0	.0	.0	.0	4653	4653	5394	5061	
>= 65	.2	.7	.9	.7	.5	.4	.4	.2	.1	.1	.0*	.0*	.0	.U	.0	.0	.0	.0	.0	4619	4619	5546	4671	
>= 63	.2	.8	.7	.6	.4	.4	.3	.2	.1	.1	.0*	.0*	.0	.U	.0	.0	.0	.0	.0	4301	4301	5408	4848	
>= 61	.2	.8	.7	.7	.4	.4	.4	.2	.1	.1	.0*	.0	.C	.C	.0	.0	.0	.0	.0	4367	4367	5190	4956	
>= 59	.3	.8	.7	.6	.5	.5	.3	.2	.1	.0*	.0*	.0	.0	.U	.0	.0	.0	.0	.0	4428	4428	4983	5038	
>= 57	.2	.7	.7	.6	.5	.5	.4	.2	.1	.0*	.0	.0	.0	.C	.0	.C	.0	.0	.0	4129	4129	4652	4840	
>= 55	.2	.6	.7	.5	.4	.4	.4	.2	.1	.0*	.0	.0	.0	.U	.0	.0	.0	.0	.0	3895	3895	4425	4305	
>= 53	.2	.7	.7	.6	.5	.5	.4	.2	.0*	.0*	.0	.0	.0	.C	.0	.0	.0	.0	.0	3969	3969	4073	4245	
>= 51	.2	.7	.7	.6	.5	.5	.3	.1	.0*	.0*	.0	.0	.0	.C	.0	.C	.0	.0	.0	3861	3861	4135	3972	
>= 49	.2	.7	.7	.7	.6	.6	.3	.1	.0*	.0	.0	.0	.0	.C	.0	.0	.0	.0	.0	4098	4098	4261	3937	
>= 47	.2	.7	.7	.7	.7	.6	.3	.1	.0*	.0	.0	.0	.0	.C	.0	.C	.0	.0	.0	3996	3996	4334	3853	
>= 45	.2	.8	.8	.8	.5	.5	.2	.0*	.0*	.0	.0	.0	.0	.U	.0	.0	.0	.0	.0	4062	4062	4407	3820	
>= 43	.3	.8	.8	.8	.5	.5	.2	.0*	.0	.0*	.0	.0	.0	.U	.0	.0	.0	.0	.0	4017	4017	4509	3749	
>= 41	.3	.8	.9	.8	.4	.4	.1	.0*	.0	.0	.0	.0	.0	.U	.0	.C	.0	.0	.0	4164	4164	4559	3949	
>= 39	.3	.8	.9	.8	.4	.4	.1	.0*	.0	.0	.0	.0	.0	.U	.0	.C	.0	.0	.0	4025	4025	4706	3783	
>= 37	.3	.8	.9	.8	.3	.3	.0*	.0	.0	.0	.0	.0	.0	.U	.0	.C	.0	.0	.0	3785	3785	4433	3869	
>= 35	.2	.7	1.0	.6	.2	.2	.0*	.0	.0	.0	.0	.0	.0	.C	.0	.C	.0	.0	.0	3460	3460	4359	3984	
>= 33	.2	.8	.8	.6	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.C	.0	.C	.0	.0	.0	3065	3065	3919	4095	
>= 31	.1	.7	.7	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.C	.0	.C	.0	.0	.0	2515	2515	3806	3858	
>= 29	.1	.6	.7	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.C	.0	.C	.0	.0	.0	2148	2148	3054	3800	
>= 27	.1	.5	.6	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.C	.0	.C	.0	.0	.0	1654	1654	2577	3465	
>= 25	.1	.3	.5	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.C	.0	.C	.0	.0	.0	1236	1236	2046	3256	
>= 23	.0*	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.C	.0	.C	.0	.0	.0	935	935	1537	2840	
>= 21	.0*	.2	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.U	.0	.C	.0	.0	.0	641	641	1189	2446	
>= 19	.0*	.2	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.C	.0	.C	.0	.0	.0	475	475	870	1981	
>= 17	.0*	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.U	.0	.C	.0	.0	.0	316	316	567	1839	
>= 15	.0*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.U	.0	.C	.0	.0	.0	214	214	400	1552	
>= 13	.0*	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.U	.0	.C	.0	.0	.0	142	142	226	1336	
>= 11	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.C	.0	.C	.0	.0	.0	67	67	160	1084	
>= 9	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.C	.0	.C	.0	.0	.0	50	50	78	848	
>= 7	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.C	.0	.C	.0	.0	.0	28	28	43	703	
>= 5	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.C	.0	.C	.0	.0	.0	16	16	30	536	
>= 3	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.C	.0	.C	.0	.0	.0	2	2	15	376	

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DRY-BULB		2 FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																			TOTAL		TOTAL OBS	
TEMP.		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	0.8-7	DRY	WET	DEW		
(DEG F)																			W.B.	BULB	BULB	PT.		
>= 1	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	2	1	293	
>= -1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3	3	8	188	
>= -3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0	129	
>= -5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0	88	
>= -7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0	61	
>= -9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0	42	
>= -11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0	14	
>= -13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0	10	
>= -15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0	8	
>= -17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0	7	
>= -19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0	6	
>= -21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0	2	
>= -23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0	0	
>= -25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0	0	
>= -27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0	1	
TOTAL	5.2	19.7	23.0	18.6	12.9	8.6	5.5	3.3	1.7	.8	.4	.1	.0*	.0*	.0*	.0*	.0	.0*	122093	122188	122097	122115		

ELEMENT(X)	SUM X	SUM X**2	MEAN STD DEV	# OBS	40 - MEAN NO. OF HOURS WITH TEMP.										TOTAL	
28 - REL HUM	8462641.	625922163.	69.3	17.956	122096	<=0 F <=32 F >=67 F >=73 F >=80 F >=93 F										
15 - DRY BULB	6996633.	437020295.	57.3	17.256	122188	.6	750.2	3114.9	2035.9	794.1	21.5	8760				
16 - WET BULB	6320395.	357644357.	51.8	15.797	122097	10.3	1201.2	1979.6	753.3	20.7	.0	8760				
17 - DEW PT.	5666309.	303266425.	46.4	18.175	122115	39.9	2207.4	1393.8	334.8	1.6	.0	8760				

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

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TEMP. (DEG F)	WIND DIRECTION				WIND SSE & S	SSW SSW	WSW WSW	WNW WNW	CALM	TOTAL FREQ.	% OF TOTAL
	NNE & N	NNE & E	ESE & E	ESE & S							
>= 77	.0	.0	.0	.0	.0	100.0	.0	.0	.0	1	.0*
>= 72	.0	.0	.0	.0	25.0	58.3	16.7	.0	.0	12	.1
>= 67	.0	.0	.0	.0	9.5	66.7	16.7	4.8	2.4	42	.4
>= 62	1.8	.0	.0	.0	9.1	60.9	21.8	6.4	.0	110	1.1
>= 57	3.1	1.3	2.7	21.1	45.7	17.0	5.8	2.2	2.2	223	2.2
>= 52	5.4	2.9	5.6	15.2	38.4	16.9	11.5	2.9	2.9	409	4.0
>= 47	9.6	6.3	8.1	14.5	24.8	16.1	10.8	6.1	6.1	669	6.6
>= 42	15.3	8.2	9.6	12.1	14.6	10.6	16.0	8.2	8.2	1263	12.4
>= 37	16.4	10.4	8.4	11.0	9.3	10.2	20.7	9.5	9.5	1928	19.0
>= 32	18.2	10.5	5.7	9.0	8.5	8.5	23.3	11.6	11.6	2189	21.5
>= 27	25.1	7.5	2.2	6.8	6.0	7.9	25.3	13.4	13.4	1525	15.0
>= 22	30.4	10.4	1.8	5.2	5.7	6.9	26.2	10.3	10.3	995	9.8
>= 17	28.4	9.1	.6	6.0	5.0	12.4	24.8	8.9	8.9	483	4.8
>= 12	39.2	5.1	.0	1.4	6.0	13.8	23.0	8.8	8.8	217	2.1
>= 7	27.7	1.5	.0	3.1	3.1	21.5	35.4	6.2	6.2	65	.6
>= 2	11.8	.0	.0	.0	.0	47.1	35.3	5.9	5.9	17	.2
>= -3	9.1	.0	.0	.0	.0	27.3	54.5	9.1	9.1	11	.1
TOTALS	19.0	8.5	5.4	9.6	12.4	10.5	20.7	9.6	9.6	10159	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : FEB
PAGE 1

TEMP. (DEG F)	NNW		NNE		ENE		ESE		SSE		SSW		WSW		WNW		CALM		TOTAL		% OF	
	Σ	N	Σ	N	Σ	E	Σ	E	Σ	S	Σ	SW	Σ	W	Σ	W	Σ	W	FREQ.	TOTAL	%	TOTAL
>= 77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	40.0	60.0	60.0	.0	.0	.0	.0	.0	5	.1	.1	.2
>= 72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	61.9	33.3	33.3	.0	.0	.0	.0	.0	21	.5	.5	.5
>= 67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	57.8	31.1	31.1	.0	.0	.0	.0	.0	45	1.1	1.1	1.1
>= 62	3.9	1.0	1.0	1.0	1.0	3.9	5.2	5.2	7.8	12.4	43.3	29.4	29.4	10.7	2.9	1.7	1.7	1.7	102	2.5	2.5	2.5
>= 57	3.9	1.3	1.3	1.3	.9	5.2	9.0	9.0	18.1	15.5	32.5	15.2	15.2	10.0	4.6	2.9	2.9	2.9	421	4.5	4.5	4.5
>= 52	5.9	3.6	3.6	3.6	2.9	4.6	13.8	13.8	15.5	14.0	9.8	8.0	8.0	17.5	6.5	6.5	6.5	6.5	746	8.1	8.1	8.1
>= 47	10.5	6.7	6.7	6.7	7.5	7.5	11.0	11.0	10.9	8.6	4.9	6.7	6.7	20.7	8.7	8.7	8.7	8.7	1794	19.4	19.4	19.4
>= 42	13.7	8.0	8.0	8.0	7.5	7.5	4.2	4.2	6.1	3.5	3.4	8.3	8.3	24.7	11.7	11.7	11.7	11.7	1316	14.2	14.2	14.2
>= 37	16.5	10.8	10.8	10.8	7.1	7.1	2.4	2.4	2.5	.0	5.3	12.8	12.8	27.0	9.3	9.3	9.3	9.3	735	7.9	7.9	7.9
>= 32	19.8	12.1	12.1	12.1	4.6	4.6	2.2	2.2	.0	.0	4.2	4.2	4.2	39.8	6.0	6.0	6.0	6.0	133	1.4	1.4	1.4
>= 27	25.2	12.5	12.5	12.5	3.1	3.1	.0	.0	.0	.0	.0	.0	.0	33.3	8.3	8.3	8.3	8.3	24	.3	.3	.3
>= 22	29.1	8.2	8.2	8.2	1.5	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	.0*	.0*	.0*
>= 17	32.9	12.7	12.7	12.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9259	100.0	100.0	100.0
>= 12	29.3	5.3	5.3	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9259	100.0	100.0	100.0
>= 7	29.2	20.8	20.8	20.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9259	100.0	100.0	100.0
>= 2	.0	100.0	100.0	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9259	100.0	100.0	100.0
TOTALS	18.3	9.6	9.6	9.6	5.8	5.8	8.6	8.6	9.7	9.7	9.9	8.7	8.7	20.8	8.5	8.5	8.5	8.5	9259	100.0	100.0	100.0

NOTES :

* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAR
PAGE 1

TEMP. (DEG F)	NNW				WIND DIRECTION				WSW				WNW				TOTAL				# OF TOTAL
	° N	ENE	NNE	ENE	ESE	ESE	SSE	SSE	SSW	SSW	WSW	WSW	WNW	WNW	WNW	WNW	CALM	TOTAL	FREQ.	# OF	
>= 82	.0	.0	.0	.0	.0	.0	6.7	46.7	46.7	46.7	40.0	40.0	6.7	6.7	.0	.0	.0	15	15	.1	
>= 77	.0	.0	.0	.0	.0	.0	.0	71.4	71.4	71.4	25.7	25.7	.0	.0	.0	.0	.0	35	35	.3	
>= 72	1.1	4.4	4.4	1.8	8.8	8.8	15.4	47.3	47.3	47.3	20.9	20.9	2.2	2.2	.0	.0	.0	91	91	.9	
>= 67	1.2	1.2	1.2	1.8	7.6	7.6	12.9	47.6	47.6	47.6	21.2	21.2	5.3	5.3	1.2	1.2	1.0	170	170	1.6	
>= 62	4.9	4.4	4.4	2.9	7.6	7.6	18.0	32.9	32.9	32.9	19.0	19.0	9.3	9.3	1.0	1.0	1.0	410	410	3.9	
>= 57	6.5	5.6	5.6	3.1	12.8	12.8	21.5	25.3	25.3	25.3	14.5	14.5	8.0	8.0	2.8	2.8	2.8	648	648	6.2	
>= 52	8.9	8.5	8.5	4.4	17.1	17.1	20.6	13.6	13.6	13.6	9.5	9.5	13.5	13.5	4.0	4.0	4.0	1100	1100	10.6	
>= 47	13.3	9.5	9.5	7.1	15.8	15.8	16.8	8.6	8.6	8.6	6.4	6.4	15.7	15.7	6.8	6.8	6.8	1650	1650	15.8	
>= 42	17.0	11.9	11.9	8.4	12.7	12.7	12.2	5.9	5.9	5.9	5.6	5.6	18.8	18.8	7.6	7.6	7.6	2305	2305	22.1	
>= 37	18.7	12.5	12.5	9.0	7.6	7.6	8.3	3.9	3.9	3.9	7.5	7.5	22.8	22.8	9.6	9.6	9.6	1958	1958	18.8	
>= 32	23.8	9.4	9.4	6.1	3.2	3.2	6.0	4.3	4.3	4.3	8.0	8.0	28.9	28.9	10.3	10.3	10.3	1242	1242	11.9	
>= 27	29.2	7.0	7.0	6.5	2.1	2.1	3.0	5.8	5.8	5.8	7.5	7.5	27.5	27.5	11.4	11.4	11.4	571	571	5.5	
>= 22	28.9	6.0	6.0	5.4	.6	.6	1.2	4.2	4.2	4.2	8.4	8.4	39.2	39.2	6.0	6.0	6.0	166	166	1.6	
>= 17	30.4	15.2	15.2	6.5	.0	.0	.0	.0	.0	.0	.0	.0	47.8	47.8	.0	.0	.0	46	46	.4	
>= 12	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	6	.1	
TOTALS	16.1	9.6	9.6	6.7	10.3	10.3	12.4	10.1	10.1	10.1	8.5	8.5	19.1	19.1	7.2	7.2	7.2	10413	10413	100.0	

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : APR
PAGE 1

TEMP. (DEG F)	NNW		NNE		ENE		ESE		SSE		SSW		WSW		WNW		CALM		TOTAL		% OF TOTAL
	E	N	E	N	E	N	E	S	E	S	E	W	E	W	E	N			FREQ.		
>= 87	.0		.0		.0		21.4		.0		28.6		35.7		14.3		.0		14		.1
>= 82	2.5		1.2		.0		10.0		5.0		36.2		31.3		13.7		.0		80		.8
>= 77	.6		3.1		.6		9.3		13.0		39.8		23.0		9.9		.6		161		1.6
>= 72	4.8		4.5		1.8		12.3		13.8		36.5		19.8		5.1		1.5		334		3.3
>= 67	5.3		6.9		3.7		15.2		16.4		27.3		13.5		8.8		2.9		623		6.2
>= 62	6.6		7.1		4.6		15.2		20.2		22.6		11.1		8.9		3.7		1128		11.2
>= 57	10.0		9.3		5.4		18.6		18.9		12.2		7.9		11.9		5.8		1786		17.7
>= 52	12.8		11.7		6.7		15.3		16.8		7.2		5.7		15.6		8.1		2211		21.9
>= 47	15.2		9.2		8.6		12.2		12.1		6.4		7.9		19.3		9.0		1970		19.6
>= 42	16.5		11.0		8.5		6.1		10.4		5.8		9.7		23.2		8.9		1173		11.6
>= 37	21.5		8.6		4.5		1.7		4.1		7.1		13.1		27.9		11.6		466		4.6
>= 32	22.8		8.8		.0		.9		1.8		6.1		4.4		41.2		14.0		114		1.1
>= 27	21.4		7.1		.0		.0		.0		7.1		.0		57.1		7.1		14		.1
TOTALS	12.0		9.2		6.1		13.2		14.8		12.5		9.4		15.8		7.0		10074		100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAY
PAGE 1

TEMP. (DEG F)	NNW & N	NNE & NE	ENE & E	ESE & SE	WIND DIRECTION		WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
					SSE & S	SSW & SW					
>= 92	.0	.0	.0	.0	8.3	50.0	16.7	25.0	.0	12	.1
>= 87	8.5	.0	1.7	3.4	8.5	27.1	39.0	11.9	.0	59	.6
>= 82	5.8	3.3	1.7	7.9	16.2	34.4	17.0	12.0	1.7	241	2.3
>= 77	5.8	6.5	2.4	18.3	18.1	21.8	14.5	11.1	1.5	586	5.6
>= 72	6.0	7.8	3.4	16.7	21.3	21.7	10.5	8.9	3.5	1225	11.8
>= 67	7.5	8.3	4.2	15.3	22.6	17.6	8.8	9.1	6.4	1957	18.8
>= 62	10.6	10.9	8.1	15.2	18.9	10.8	7.6	10.2	7.7	2466	23.7
>= 57	12.7	13.2	8.7	12.9	14.8	9.7	5.8	12.4	9.8	2046	19.6
>= 52	16.8	14.7	10.0	8.0	8.5	7.4	7.2	17.0	10.4	1198	11.5
>= 47	18.0	13.9	7.9	3.3	4.8	6.4	12.5	19.7	13.5	518	5.0
>= 42	27.7	4.0	3.0	.0	2.0	5.9	14.9	26.7	15.8	101	1.0
>= 37	100.0	.0	.0	.0	.0	.0	.0	.0	.0	6	.1
TOTALS	10.8	10.5	6.6	13.3	16.8	13.8	8.9	11.8	7.5	10415	100.0

NOTES :

* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JUN
PAGE 1

TEMP. (DEG F)	WIND DIRECTION										TOTAL FREQ.	% OF TOTAL
	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM			
>= 97	.0	.0	.0	.0	.0	.0	40.0	60.0	.0	5	.0*	
>= 92	8.7	4.3	1.1	8.7	7.6	25.0	35.9	8.7	.0	92	.9	
>= 87	6.6	4.7	1.9	13.3	13.8	24.3	20.4	12.4	2.5	362	3.6	
>= 82	5.4	6.9	2.6	16.6	19.9	18.0	17.8	8.5	4.3	931	9.2	
>= 77	6.3	6.6	3.7	18.1	24.0	17.6	11.0	8.7	4.1	1801	17.9	
>= 72	8.2	7.5	4.7	12.3	20.9	20.6	9.6	8.8	7.5	2646	26.3	
>= 67	9.4	8.1	6.8	10.3	18.5	15.9	8.8	12.3	10.1	2204	21.9	
>= 62	12.1	13.1	11.0	7.5	13.6	10.8	6.8	12.5	12.6	1369	13.6	
>= 57	16.9	13.9	8.4	3.7	6.4	5.9	12.7	18.0	14.1	561	5.6	
>= 52	16.7	18.8	9.4	1.0	2.1	6.3	12.5	16.7	16.7	96	1.0	
>= 47	16.7	.0	.0	.0	.0	.0	16.7	16.7	50.0	6	.1	
TOTALS	8.9	8.5	5.7	12.1	18.4	16.6	10.9	10.8	8.1	10073	100.0	

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JUL
PAGE 1

TEMP. (DEG F)	WIND DIRECTION												TOTAL
	NNW E N	NNE ENE	ENE E E	ESE E E	SSE E S	SSW S W	WSW E W	WNW E NW	CALM	TOTAL FREQ.	% OF TOTAL		
>= 97	4.5	.0	.0	4.5	13.6	13.6	36.4	27.3	.0	22	.2		
>= 92	4.9	6.0	3.8	13.2	7.7	17.6	30.2	13.2	3.3	182	1.7		
>= 87	6.7	7.0	4.4	16.1	16.8	19.8	14.9	11.1	3.3	758	7.3		
>= 82	7.7	7.4	3.8	17.8	21.9	16.5	10.8	8.9	5.2	1780	17.1		
>= 77	7.5	7.0	4.5	11.7	20.0	21.8	10.6	9.4	7.6	2862	27.5		
>= 72	7.6	7.3	6.5	7.5	16.9	20.6	11.7	10.0	11.9	3128	30.0		
>= 67	11.0	10.9	8.2	4.9	12.1	15.4	9.5	13.1	14.9	1335	12.8		
>= 62	12.7	9.2	8.9	2.5	6.3	9.5	10.1	19.9	20.9	316	3.0		
>= 57	10.7	3.6	.0	.0	3.6	7.1	21.4	25.0	28.6	28	.3		
>= 52	.0	.0	.0	.0	.0	100.0	.0	.0	.0	1	.0*		
TOTALS	8.1	7.7	5.6	10.6	17.4	19.1	11.5	10.5	9.5	10412	100.0		

NOTES :

* = PERCENT < .05

013721 PATUXENT RIVER, MD

PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

MONTH : AUG

PAGE 1

TEMP. (DEG F)	NNW E N		NNE E NE		ENE E E		ESE E SE		WIND DIRECTION SSE E S		SSW E SW		WSW E W		WNW E NW		CALM		TOTAL FREQ.		% OF TOTAL	
>=102	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	50.0	50.0	50.0	.0	.0	.0	2	.0*		
>= 97	.0	.0	.0	.0	.0	.0	.0	16.7	16.7	16.7	16.7	16.7	66.7	66.7	.0	.0	.0	.0	6	.1		
>= 92	7.6	4.2	4.2	.8	8.4	8.4	11.8	11.8	11.8	11.8	24.4	24.4	21.0	21.0	16.8	5.0	5.0	119	1.1			
>= 87	6.2	6.3	6.3	4.5	17.5	17.5	14.4	14.4	14.4	14.4	18.8	18.8	16.1	16.1	12.3	3.9	3.9	584	5.6			
>= 82	7.7	9.7	9.7	5.4	19.7	19.7	19.9	19.9	19.9	19.9	14.5	14.5	9.6	9.6	8.7	4.8	4.8	1514	14.6			
>= 77	8.1	9.1	9.1	6.2	13.4	13.4	20.4	20.4	20.4	20.4	18.5	18.5	9.4	9.4	8.1	6.9	6.9	2615	25.1			
>= 72	9.4	10.4	10.4	8.6	7.0	7.0	15.5	15.5	15.5	15.5	17.4	17.4	10.0	10.0	10.6	11.2	11.2	3413	32.8			
>= 67	13.0	13.0	13.0	13.2	2.5	2.5	10.6	10.6	10.6	10.6	12.3	12.3	8.3	8.3	13.2	13.9	13.9	1585	15.2			
>= 62	14.2	15.9	15.9	9.7	1.1	1.1	7.0	7.0	7.0	7.0	9.7	9.7	10.0	10.0	16.5	15.9	15.9	472	4.5			
>= 57	22.2	6.2	6.2	1.2	1.2	1.2	4.9	4.9	4.9	4.9	7.4	7.4	6.2	6.2	27.2	23.5	23.5	81	.8			
>= 52	14.3	.0	.0	14.3	14.3	14.3	14.3	14.3	14.3	14.3	.0	.0	.0	.0	28.6	14.3	14.3	7	.1			
TOTALS	9.5	10.3	10.3	7.9	10.1	10.1	16.0	16.0	16.0	16.0	16.2	16.2	10.0	10.0	10.7	9.4	9.4	10398	100.0			

NOTES :

* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : SEP
PAGE 1

TEMP. (DEG F)	WIND DIRECTION												TOTAL FREQ.	# OF TOTAL
	NNW & N	NNE & NE	ESE & E	ESE & E	SSE & S	SSW & SW	WSW & W	NNW & NW	CALM	TOTAL FREQ.	# OF TOTAL			
>= 97	.0	.0	.0	.0	.0	.0	.0	100.0	.0	100.0	1	.0*	.0*	
>= 92	12.0	4.0	4.0	12.0	8.0	16.0	12.0	16.0	16.0	25	25	.2	.2	
>= 87	7.4	5.1	1.1	16.6	18.9	22.3	20.0	6.9	1.7	175	175	1.7	1.7	
>= 82	7.0	5.4	3.7	19.5	23.9	18.3	12.3	6.0	3.9	616	616	6.1	6.1	
>= 77	7.7	9.1	4.8	19.4	22.3	17.0	8.5	7.1	4.1	1367	1367	13.6	13.6	
>= 72	8.9	10.6	9.2	12.5	17.4	17.9	8.0	8.0	7.5	2424	2424	24.1	24.1	
>= 67	12.3	15.5	12.1	8.6	12.1	11.5	7.9	9.8	10.2	2322	2322	23.1	23.1	
>= 62	15.6	20.2	14.6	3.0	7.1	8.1	7.3	12.3	11.8	1775	1775	17.6	17.6	
>= 57	16.9	24.7	7.0	2.2	4.6	8.1	7.1	14.7	14.5	1011	1011	10.0	10.0	
>= 52	20.3	21.0	3.4	.0	1.4	5.9	11.7	16.2	20.0	290	290	2.9	2.9	
>= 47	12.7	31.7	3.2	.0	.0	.0	15.9	12.7	23.8	63	63	.6	.6	
>= 42	.0	50.0	.0	.0	.0	.0	50.0	.0	.0	2	2	.0*	.0*	
TOTALS	11.7	14.6	9.3	9.9	13.6	13.2	8.5	9.9	9.3	10071	10071	100.0	100.0	

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : OCT
PAGE 1

TEMP. (DEG F)	NNW		NNE		ENE		ESE		SSE		SSW		WSW		WNW		CALM		TOTAL		% OF TOTAL
	£ N	£ E	£ NE	£ E	£ E	£ E	£ SE	£ S	£ S	£ S	£ SW	£ W	£ W	£ W	£ NW	£ NW			FREQ.		
>= 92	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	.0	.0	.0	.0	.0	1	.0	.0*
>= 87	14.3	.0	.0	.0	.0	7.1	7.6	12.1	.0	35.7	35.7	35.7	35.7	7.1	7.1	.0	.0	.0	14	.1	.1
>= 82	.5	.0	.0	.0	.0	13.2	13.2	14.2	.0	53.0	53.0	13.6	13.6	7.6	7.6	1.5	1.5	.0	66	.6	.6
>= 77	.8	3.7	3.7	3.7	3.7	16.8	16.8	23.5	14.2	26.5	26.5	16.4	16.4	7.3	7.3	7.3	7.3	.0	219	2.1	2.1
>= 72	.3	4.8	4.8	4.2	4.2	14.9	14.9	16.7	23.5	17.9	17.9	10.9	10.9	7.0	7.0	6.6	6.6	.0	625	6.0	6.0
>= 67	11.0	10.1	10.1	8.1	8.1	9.2	9.2	14.9	16.7	16.6	16.6	7.6	7.6	7.4	7.4	7.6	7.6	.0	1403	13.5	13.5
>= 62	11.9	13.9	13.9	8.8	8.8	5.8	5.8	9.5	14.9	11.3	11.3	8.3	8.3	10.1	10.1	11.6	11.6	.0	2216	21.3	21.3
>= 57	16.7	16.8	16.8	9.0	9.0	3.1	3.1	6.4	9.5	9.5	9.5	6.6	6.6	14.8	14.8	11.2	11.2	.0	2279	21.9	21.9
>= 52	18.4	17.4	17.4	8.1	8.1	1.1	1.1	5.3	6.4	9.8	9.8	7.0	7.0	18.9	18.9	10.9	10.9	.0	1855	17.8	17.8
>= 47	17.6	9.4	9.4	8.7	8.7	.0	.0	1.3	5.3	8.0	8.0	12.1	12.1	22.6	22.6	15.2	15.2	.0	1097	10.5	10.5
>= 42	18.5	5.9	5.9	5.5	5.5	.0	.0	2.0	1.3	10.6	10.6	16.1	16.1	23.8	23.8	18.3	18.3	.0	454	4.4	4.4
>= 37	23.7	5.3	5.3	1.3	1.3	.0	.0	14.8	2.0	11.2	11.2	22.4	22.4	15.8	15.8	18.4	18.4	.0	152	1.5	1.5
>= 32	22.2	7.4	7.4	3.7	3.7	.0	.0	.0	.0	11.1	11.1	.0	.0	22.2	22.2	18.5	18.5	.0	27	.3	.3
>= 27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	100.0	.0	.0	.0	.0	.0	1	.0*	.0*
TOTALS	14.7	12.8	12.8	7.9	7.9	7.3	7.3	11.1	11.1	12.0	12.0	8.9	8.9	14.1	14.1	11.2	11.2	.0	10409	100.0	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VERSUS

WIND DIRECTION

(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : NOV
PAGE 1

TEMP. (DEG F)	NNW & N		NNE & E		ENE & E		ESE & E		WIND DIRECTION SSE & S		SSW & W		WSW & W		WNW & W		CALM		TOTAL FREQ.		% OF TOTAL	
>= 82	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	.0	.0	.0
>= 77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	34	.3	.3	.3
>= 72	1.3	1.3	1.3	1.3	1.3	1.3	6.3	25.3	14.7	41.2	31.6	26.5	25.3	6.3	6.3	6.3	1.3	1.3	79	.8	.8	.8
>= 67	2.0	3.0	2.7	2.7	2.7	2.7	7.4	28.8	25.3	33.4	33.4	15.7	11.7	6.7	6.7	6.7	.3	.3	299	3.0	3.0	3.0
>= 62	4.8	5.6	5.9	5.9	5.9	5.9	15.9	23.3	22.5	17.6	17.6	8.5	8.5	7.0	7.0	7.0	3.3	3.3	729	7.2	7.2	7.2
>= 57	9.5	6.5	7.3	7.3	7.3	7.3	14.4	17.2	13.8	12.4	12.4	10.4	10.4	11.0	11.0	11.0	8.0	8.0	1322	13.1	13.1	13.1
>= 52	14.1	7.7	5.8	5.8	5.8	5.8	12.7	13.8	10.9	10.0	10.0	9.1	9.1	14.6	14.6	14.6	8.3	8.3	1647	16.4	16.4	16.4
>= 47	19.4	10.2	5.9	5.9	5.9	5.9	6.4	10.9	5.1	8.0	8.0	12.0	12.0	17.8	17.8	17.8	10.3	10.3	2010	20.0	20.0	20.0
>= 42	20.9	12.3	4.5	4.5	4.5	4.5	2.5	3.9	3.9	8.3	8.3	12.2	12.2	23.4	23.4	23.4	11.2	11.2	1849	18.4	18.4	18.4
>= 37	21.4	8.6	5.0	5.0	5.0	5.0	1.7	2.6	2.6	9.9	9.9	13.3	13.3	27.8	27.8	27.8	10.9	10.9	1272	12.6	12.6	12.6
>= 32	24.1	4.6	4.3	4.3	4.3	4.3	.2	1.6	1.6	13.0	13.0	21.4	21.4	28.0	28.0	28.0	13.0	13.0	585	5.8	5.8	5.8
>= 27	21.4	1.6	1.6	1.6	1.6	1.6	.0	.0	.0	4.7	4.7	11.6	11.6	23.4	23.4	23.4	16.1	16.1	192	1.9	1.9	1.9
>= 22	51.2	.0	.0	.0	.0	.0	.0	.0	.0	50.0	50.0	.0	.0	14.0	14.0	14.0	18.6	18.6	43	.4	.4	.4
>= 17	33.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.7	16.7	16.7	.0	.0	6	.1	.1	.1
>= 12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	100.0	.0	.0	.0	.0	.0	1	.0	.0	.0
TOTALS	16.4	8.3	5.3	5.3	5.3	5.3	7.4	11.1	12.7	12.7	11.2	11.2	11.2	18.2	18.2	18.2	9.3	9.3	10071	100.0	100.0	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : DEC
PAGE 1

TEMP. (DEG F)	WIND DIRECTION										CALM	TOTAL FREQ.	% OF TOTAL
	NNW & N	NNE & E	ESE & E	ESE & S	SSW & S	WSW & W	WNW & W	WNW & W	WNW & W	WNW & W			
>= 72	.0	.0	.0	.0	62.5	31.3	6.3	.0	16	.2			
>= 67	1.6	.0	.0	7.9	63.5	20.6	4.8	1.6	63	.6			
>= 62	1.7	1.1	.6	21.5	42.5	26.0	3.3	2.2	181	1.7			
>= 57	2.6	3.7	.9	22.9	38.4	19.8	4.0	2.3	349	3.4			
>= 52	9.4	4.0	3.4	19.8	26.6	13.6	9.9	5.1	668	6.4			
>= 47	10.5	8.1	5.6	15.4	15.4	12.3	12.2	7.8	1179	11.4			
>= 42	16.9	9.3	6.9	9.1	11.8	10.3	16.5	11.0	1851	17.8			
>= 37	20.0	11.2	6.0	7.7	9.8	9.3	20.7	9.4	2142	20.6			
>= 32	20.3	8.5	5.5	7.3	9.9	10.3	23.5	11.4	1848	17.8			
>= 27	24.2	7.6	4.7	5.1	7.8	10.0	24.8	13.2	1224	11.8			
>= 22	23.3	7.0	4.2	2.6	7.5	12.6	30.5	11.7	617	5.9			
>= 17	32.0	4.1	3.6	1.5	5.7	10.8	29.4	12.9	194	1.9			
>= 12	38.1	2.4	2.4	.0	2.4	9.5	38.1	7.1	42	.4			
>= 7	.0	.0	.0	.0	.0	23.1	69.2	7.7	13	.1			
TOTALS	17.7	8.2	5.2	9.5	13.3	11.4	19.2	9.8	10387	100.0			

NOTES :

* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : ANN
PAGE 1

TEMP. (DEG F)	NNW E N		NNE E NE		ENE E E		ESE E SE		SSE E S		SSW E SW		WSW E W		WNW E NW		CALM		TOTAL FREQ.		% OF TOTAL	
	E N		E NE		E E		E SE		E S		E SW		E W		E NW							
>= 102	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	.0*	.0*	.0*
>= 97	2.9	.0	.0	.0	2.9	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	34	.0*	.0*	.0*
>= 92	6.7	4.9	2.3	2.3	10.4	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	431	.4	.4	.4
>= 87	6.7	5.9	3.5	3.5	15.6	15.2	15.6	15.6	15.2	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	1966	1.6	1.6	1.6
>= 82	7.0	7.3	3.8	3.8	17.6	20.5	17.6	17.6	20.5	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	5246	4.3	4.3	4.3
>= 77	7.2	7.5	4.6	4.6	14.7	20.7	14.7	14.7	20.7	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	9686	7.9	7.9	7.9
>= 72	8.1	8.4	6.6	6.6	10.5	18.0	10.5	10.5	18.0	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	14014	11.5	11.5	11.5
>= 67	9.9	10.4	8.1	8.1	9.7	15.9	9.7	9.7	15.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	12048	9.9	9.9	9.9
>= 62	10.8	12.1	8.8	8.8	9.5	15.0	9.5	9.5	15.0	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	11274	9.2	9.2	9.2
>= 57	12.3	12.3	6.8	6.8	10.2	13.9	10.2	10.2	13.9	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	10567	8.7	8.7	8.7
>= 52	13.6	11.2	6.3	6.3	10.2	13.4	10.2	10.2	13.4	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	9903	8.1	8.1	8.1
>= 47	14.8	9.4	6.7	6.7	9.7	12.2	9.7	9.7	12.2	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	9908	8.1	8.1	8.1
>= 42	17.2	10.1	6.8	6.8	8.5	9.8	8.5	8.5	9.8	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	10344	8.5	8.5	8.5
>= 37	18.8	10.7	6.2	6.2	6.8	8.3	6.8	6.8	8.3	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	9718	8.0	8.0	8.0
>= 32	20.5	9.8	5.7	5.7	4.8	7.5	4.8	4.8	7.5	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	8020	6.6	6.6	6.6
>= 27	25.2	8.6	5.1	5.1	2.7	5.5	2.7	2.7	5.5	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	4843	4.0	4.0	4.0
>= 22	28.6	8.5	4.0	4.0	1.6	3.8	1.6	1.6	3.8	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	2556	2.1	2.1	2.1
>= 17	30.5	9.5	4.1	4.1	1.0	3.8	1.0	1.0	3.8	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	1051	.9	.9	.9
>= 12	36.6	4.8	2.3	2.3	.0	.8	.0	.0	.8	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	399	.3	.3	.3
>= 7	24.5	5.9	1.0	1.0	.0	2.0	.0	.0	2.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	102	.1	.1	.1
>= 2	11.1	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18	.0*	.0*	.0*
>= -3	9.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11	.0*	.0*	.0*
TOTALS	13.6	9.8	6.4	6.4	9.5	13.4	9.5	9.5	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	122141	100.0	100.0	100.0

NOTES :
* = PERCENT < .05

11 - SKY COVER

013721 PATUXENT RIVER, MD
 LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS)				TOTAL
		CLEAR	SCATTERED	BROKEN	OVERCAST	
JAN	01	31.7	15.2	10.9	42.3	1178
	04	30.4	15.8	10.9	43.0	1178
	07	13.6	26.0	19.0	41.4	1178
	10	14.5	19.9	22.2	43.4	1178
	13	14.3	21.6	22.6	41.5	1178
	16	13.8	22.6	22.8	40.7	1178
	19	23.9	20.0	15.9	40.2	1178
	22	28.9	17.5	14.0	39.6	1178
FEB	ALL	21.4	19.8	17.3	41.5	9424
	01	32.8	13.8	11.9	41.5	1073
	04	30.3	14.6	14.4	40.6	1073
	07	13.2	26.2	20.8	39.8	1073
	10	16.3	21.3	22.4	40.0	1073
	13	12.6	24.9	22.1	40.4	1073
	16	14.3	22.8	22.3	40.6	1073
	19	22.0	24.0	15.6	38.4	1072
MAR	22	31.7	16.2	12.1	39.9	1072
	ALL	21.6	20.5	17.7	40.2	8582
	01	32.2	16.6	11.1	40.1	1178
	04	29.9	17.2	13.2	39.7	1178
	07	17.5	20.5	22.2	39.7	1178
	10	15.2	21.1	23.0	40.7	1178
	13	12.1	20.7	25.3	41.9	1178
	16	13.3	23.1	23.1	40.5	1178
APR	19	18.2	25.6	17.7	38.6	1178
	22	30.7	16.9	12.4	40.0	1178
	ALL	21.1	20.2	18.5	40.2	9424
	01	32.0	16.7	15.5	35.8	1140
	04	29.4	20.5	15.3	34.8	1140
	07	18.8	20.8	23.3	37.1	1140
	10	15.9	23.2	25.6	35.3	1139
	13	10.6	23.1	30.0	36.3	1140
MAY	16	11.9	22.5	28.5	37.0	1140
	19	11.2	29.3	26.8	32.6	1140
	22	26.2	22.5	17.8	33.4	1140
	ALL	19.5	22.3	22.9	35.3	9119

11 - SKY COVER

013721 PATUXENT RIVER, MD
 LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS)				TOTAL
		CLEAR	SCATTERED	BROKEN	OVERCAST	
MAY	01	24.9	22.5	17.0	35.7	1178
	04	18.2	26.2	20.4	35.2	1178
	07	15.1	23.3	25.2	36.4	1178
	10	11.5	26.5	27.8	34.2	1178
	13	7.7	26.8	32.3	33.2	1178
	16	8.8	28.0	30.6	32.5	1178
	19	9.6	24.8	31.2	34.4	1179
	22	20.3	24.8	19.9	35.1	1178
JUN	ALL	14.5	25.4	25.5	34.6	9425
	01	26.1	25.3	20.1	28.5	1140
	04	14.2	33.6	26.1	26.1	1140
	07	13.3	28.4	28.9	29.3	1140
	10	11.3	28.8	31.8	28.1	1140
	13	5.2	32.7	33.3	28.8	1140
	16	5.8	32.6	34.9	26.7	1140
	19	8.2	28.8	33.5	29.6	1140
JUL	22	18.2	30.7	23.2	28.0	1140
	ALL	12.8	30.1	29.0	28.1	9120
	01	22.5	29.3	22.9	25.3	1177
	04	14.7	35.5	24.3	25.6	1178
	07	11.5	28.4	32.7	27.4	1178
	10	10.0	30.0	33.1	26.9	1178
	13	2.8	33.8	40.6	22.8	1178
	16	4.3	32.9	41.0	21.7	1178
AUG	19	6.7	28.5	36.6	28.2	1178
	22	15.3	31.3	25.3	28.1	1178
	ALL	11.0	31.2	32.0	25.8	9423
	01	24.8	25.5	25.0	24.8	1178
	04	20.9	31.9	23.9	23.3	1178
	07	13.2	30.9	30.8	25.1	1178
	10	11.8	30.6	34.1	23.4	1178
	13	5.4	34.1	38.6	21.8	1178
	16	8.3	35.0	34.6	22.1	1178
	19	9.3	32.1	32.3	26.3	1178
	22	20.1	28.7	25.0	26.2	1178
	ALL	14.2	31.1	30.5	24.1	9424

11 - SKY COVER

013721 PATUXENT RIVER, MD
 LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS)				TOTAL
		CLEAR	SCATTERED	BROKEN	OVERCAST	
SEP	01	31.1	25.0	16.8	27.2	1140
	04	31.1	25.6	18.5	24.8	1140
	07	14.8	30.1	28.9	26.2	1140
	10	15.6	30.2	27.7	26.5	1140
	13	10.2	35.5	27.5	26.8	1140
	16	12.5	33.7	28.9	24.9	1140
	19	16.3	32.4	25.4	26.0	1140
	22	28.2	25.4	19.6	26.9	1139
OCT	ALL	20.0	29.7	24.1	26.2	9119
	01	39.4	19.4	12.2	29.0	1178
	04	37.9	18.4	12.5	31.2	1178
	07	19.4	26.7	24.2	29.7	1178
	10	19.8	27.1	25.1	28.0	1178
	13	16.7	27.8	26.7	28.8	1178
	16	18.9	26.2	27.4	27.4	1177
	19	25.1	26.1	19.8	28.9	1178
NOV	22	34.7	22.0	14.8	28.5	1178
	ALL	26.5	24.2	20.3	29.0	9423
	01	35.1	19.1	13.4	32.3	1139
	04	34.6	20.0	13.7	31.7	1139
	07	13.8	31.1	24.9	30.2	1139
	10	16.0	25.9	24.6	33.5	1139
	13	12.7	25.9	29.2	32.1	1139
	16	13.7	27.4	26.3	32.6	1139
DEC	19	24.6	23.7	17.8	33.9	1139
	22	29.6	21.1	16.2	33.2	1139
	ALL	22.5	24.3	20.8	32.4	9112
	01	33.9	17.2	13.4	35.5	1173
	04	29.8	19.7	13.5	37.0	1173
	07	12.3	28.6	23.0	36.2	1175
	10	15.1	22.8	23.7	38.4	1176
	13	12.4	25.7	23.3	38.6	1176
JAN	16	15.1	23.0	23.8	38.1	1176
	19	22.9	22.8	16.1	38.1	1173
	22	29.2	18.0	14.6	38.2	1173
	ALL	21.3	22.2	18.9	37.5	9395

11 - SKY COVER

013721 PATUXENT RIVER, MD
 LAT. : 38 17N LONG. : 76 24W ELEV. : 4C FT
 PERIOD OF RECORD : 1945-1986

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS)				TOTAL
		CLEAR	SCATTERED	BROKEN	OVERCAST	
ANN	01	30.5	20.5	15.9	33.1	13872
	04	26.7	23.3	17.2	32.7	13873
	07	14.7	26.7	25.4	33.2	13875
	10	14.4	25.6	26.8	33.2	13875
	13	10.2	27.7	29.3	32.7	13876
	16	11.7	27.5	28.7	32.0	13875
	19	16.5	26.5	24.1	32.9	13873
	22	26.1	23.0	17.9	33.1	13871
	ALL	18.9	25.1	23.2	32.9	110950

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH HOURS (LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
JAN											
01	100.0	100.0	99.6	97.8	88.3	73.8	53.7	35.4	16.8	72.3	1269
04	100.0	99.9	99.8	98.4	90.1	74.9	56.9	37.9	18.7	73.5	1269
07	100.0	100.0	99.7	98.3	91.2	76.5	58.5	39.5	18.8	74.1	1266
10	100.0	100.0	99.1	93.9	78.9	59.5	41.8	28.4	14.6	67.3	1270
13	100.0	99.6	96.1	83.4	64.6	45.2	32.1	19.9	9.4	60.7	1271
16	100.0	99.5	95.4	83.6	65.5	49.4	35.5	21.6	11.1	61.8	1271
19	100.0	99.9	99.2	94.0	81.8	64.0	46.1	28.5	13.5	68.4	1270
22	100.0	100.0	99.4	96.4	85.7	70.1	50.8	31.3	15.1	70.5	1270
ALL	100.0	99.9	98.5	93.2	80.8	64.2	46.9	30.3	14.6	68.6	10156
FEB											
01	100.0	100.0	99.3	96.5	87.3	71.6	54.0	35.5	15.8	71.7	1155
04	100.0	100.0	99.6	97.5	89.1	75.2	56.3	37.0	16.6	72.8	1155
07	100.0	100.0	99.6	97.7	90.6	76.9	57.5	39.2	16.8	73.5	1155
10	100.0	99.8	98.0	90.2	73.7	53.2	37.6	25.0	11.9	64.4	1156
13	100.0	98.8	92.0	77.5	58.1	41.2	28.2	18.3	9.2	58.1	1156
16	100.0	98.5	91.9	78.7	60.8	44.3	30.4	20.1	9.8	59.1	1157
19	100.0	99.8	97.7	91.2	78.2	62.0	44.1	25.9	11.3	66.6	1153
22	100.0	99.9	99.0	94.4	84.6	69.6	52.0	32.3	12.6	70.0	1153
ALL	100.0	99.6	97.1	90.4	77.8	61.7	45.0	29.2	13.0	67.0	9240
MAR											
01	100.0	99.9	99.5	96.2	85.7	68.6	52.6	32.4	17.5	70.9	1301
04	100.0	100.0	99.8	97.6	87.8	72.0	54.1	36.4	19.3	72.5	1302
07	100.0	100.0	99.8	97.9	89.8	73.7	54.2	39.1	19.7	73.3	1302
10	100.0	99.9	97.0	84.7	63.9	47.2	31.6	22.1	10.8	61.5	1302
13	100.0	99.0	90.2	73.0	52.5	37.0	26.6	17.7	8.3	56.0	1302
16	100.0	98.3	88.4	72.3	53.3	38.8	26.8	17.5	8.5	56.0	1302
19	100.0	99.7	97.5	87.1	70.2	54.1	37.6	23.1	11.5	63.8	1302
22	100.0	100.0	99.1	93.4	80.6	64.2	47.9	30.6	14.2	68.8	1302
ALL	100.0	99.6	96.4	87.8	73.0	56.9	41.4	27.4	13.7	65.4	10415
APR											
01	100.0	99.9	99.6	96.5	87.3	72.5	53.9	32.9	15.9	71.6	1260
04	100.0	100.0	99.9	98.0	90.4	78.2	59.3	38.7	19.0	74.2	1260
07	100.0	100.0	99.8	98.1	89.9	73.9	55.8	35.4	17.5	73.0	1260
10	100.0	99.9	95.5	80.9	60.9	42.6	27.6	17.2	7.9	59.0	1259
13	100.0	99.2	88.8	71.5	49.4	34.4	22.1	13.7	6.3	58.1	1260
16	100.0	98.5	88.5	70.4	49.8	34.4	23.6	13.4	5.3	53.9	1260
19	100.0	99.8	96.1	86.8	68.3	51.6	35.1	20.1	7.3	62.2	1258
22	100.0	99.9	98.9	94.4	81.2	64.6	46.9	27.9	11.1	68.2	1257
ALL	100.0	99.7	95.9	87.1	72.2	56.5	40.5	24.9	11.3	64.5	10074

12 - RELATIVE HUMIDITY

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH HOURS (LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
MAY											
01	100.0	100.0	99.8	98.9	95.2	85.2	68.3	45.8	20.7	77.3	1302
04	100.0	100.0	100.0	99.1	96.3	87.7	73.6	53.0	23.7	79.2	1301
07	100.0	100.0	100.0	98.7	94.2	83.2	63.6	40.8	17.0	75.6	1301
10	100.0	100.0	98.5	91.2	74.6	53.4	32.9	19.1	6.7	63.2	1302
13	100.0	99.6	95.6	83.5	63.4	42.4	25.1	13.7	4.4	58.3	1302
16	100.0	99.6	94.3	81.0	62.3	42.4	27.0	15.1	5.1	58.3	1302
19	100.0	99.9	98.5	94.5	81.0	63.1	43.0	25.9	9.4	67.2	1302
22	100.0	100.0	99.8	98.5	93.4	81.2	60.9	38.4	13.8	74.5	1301
ALL	100.0	99.9	98.3	93.2	82.6	67.3	49.3	31.5	12.6	69.2	10413
JUN											
01	100.0	100.0	100.0	100.0	98.3	92.9	77.0	52.7	18.3	79.7	1260
04	100.0	100.0	100.0	99.9	98.9	95.1	83.2	59.7	23.5	81.8	1260
07	100.0	100.0	100.0	99.9	98.8	91.5	70.8	41.4	11.0	76.9	1260
10	100.0	100.0	99.9	97.5	85.3	60.1	32.0	12.5	2.9	64.4	1260
13	100.0	100.0	98.3	89.9	69.0	41.3	20.0	7.9	2.4	58.4	1260
16	100.0	99.8	98.3	87.9	68.8	43.0	23.7	10.2	3.3	55.0	1260
19	100.0	100.0	99.8	96.7	85.7	66.0	42.4	20.6	5.2	67.1	1260
22	100.0	100.0	100.0	99.8	97.2	87.1	66.3	38.7	10.5	75.6	1260
ALL	100.0	100.0	99.5	96.5	87.8	72.1	51.9	30.5	9.6	70.4	10080
JUL											
01	100.0	100.0	100.0	100.0	99.3	94.9	80.3	53.7	19.8	80.3	1301
04	100.0	100.0	100.0	99.8	99.2	96.6	85.8	62.5	24.2	82.5	1302
07	100.0	100.0	100.0	99.8	98.8	92.5	76.6	46.7	13.3	78.2	1301
10	100.0	100.0	100.0	98.6	87.6	64.1	34.3	12.3	2.8	65.6	1302
13	100.0	100.0	99.5	91.9	71.0	46.2	19.5	7.2	2.5	59.3	1302
16	100.0	100.0	99.2	89.8	69.9	44.3	22.0	9.9	3.1	55.4	1302
19	100.0	100.0	99.8	98.2	87.2	68.4	43.6	20.6	6.0	68.0	1299
22	100.0	100.0	100.0	99.9	98.1	88.6	69.8	40.8	13.5	76.6	1300
ALL	100.0	100.0	99.8	97.3	88.9	74.4	54.0	31.7	10.7	71.2	10409
AUG											
01	100.0	100.0	100.0	99.9	99.5	96.5	84.4	59.8	20.8	81.7	1302
04	100.0	100.0	100.0	99.8	99.5	97.1	88.4	66.6	26.5	83.6	1302
07	100.0	100.0	100.0	100.0	99.5	96.0	83.6	55.8	17.4	80.8	1302
10	100.0	100.0	100.0	99.3	92.1	69.5	38.7	14.9	3.4	67.3	1301
13	100.0	100.0	99.6	94.9	75.7	46.9	21.7	6.8	2.1	60.3	1302
16	100.0	100.0	99.7	93.5	75.3	47.4	25.7	9.6	3.1	60.9	1301
19	100.0	100.0	100.0	99.5	92.7	76.8	52.2	24.7	6.8	70.7	1302
22	100.0	100.0	100.0	99.8	98.8	93.1	76.3	45.5	13.6	78.2	1302
ALL	100.0	100.0	99.9	98.4	91.6	77.9	58.9	35.4	11.7	72.9	10414

12 - RELATIVE HUMIDITY

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH HOURS (LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
SEP											
01	100.0	100.0	100.0	99.9	98.0	92.9	78.0	54.7	20.0	86.1	1255
04	100.0	100.0	100.0	100.0	99.0	94.8	83.9	64.2	26.0	82.7	1251
07	100.0	100.0	100.0	99.8	99.2	94.2	82.2	56.9	23.4	81.6	1249
10	100.0	100.0	99.8	98.0	88.2	65.6	39.6	16.8	5.8	66.8	1256
13	100.0	100.0	99.2	91.8	70.6	44.7	22.8	10.7	3.6	60.0	1257
16	100.0	99.9	99.0	91.5	72.3	48.9	26.5	12.7	4.9	61.2	1258
19	100.0	100.0	99.9	99.2	93.9	79.5	54.8	28.1	8.8	71.8	1256
22	100.0	100.0	100.0	99.6	97.5	89.1	71.6	45.5	14.0	77.4	1254
ALL	100.0	100.0	99.8	97.5	89.8	76.2	57.4	36.2	13.3	72.7	10036
OCT											
01	100.0	100.0	100.0	99.2	95.8	87.6	72.3	47.7	20.4	78.1	1302
04	100.0	100.0	100.0	99.3	97.0	90.1	75.8	53.8	26.2	80.2	1301
07	100.0	100.0	100.0	99.5	97.6	90.8	77.1	54.8	27.1	80.6	1302
10	100.0	100.0	99.4	95.7	81.3	60.4	39.0	21.9	7.8	66.1	1301
13	100.0	99.8	97.2	85.7	64.0	41.2	25.6	13.5	4.6	58.7	1301
16	100.0	99.8	97.2	87.8	68.5	47.2	30.7	16.2	6.1	60.9	1300
19	100.0	100.0	99.8	98.2	91.5	77.4	54.1	30.2	11.4	71.9	1302
22	100.0	100.0	99.8	98.5	94.9	84.8	65.2	39.9	14.3	75.6	1302
ALL	100.0	100.0	99.2	95.5	86.3	72.5	55.0	34.8	14.6	71.5	10411
NOV											
01	100.0	100.0	99.9	98.1	92.5	77.8	58.8	36.9	17.9	74.1	1259
04	100.0	100.0	100.0	99.0	94.4	83.2	64.0	41.7	20.3	76.2	1259
07	100.0	100.0	100.0	99.6	95.1	85.9	64.6	43.5	21.3	77.0	1257
10	100.0	100.0	99.8	95.2	78.5	54.1	37.6	22.7	11.1	65.6	1258
13	100.0	99.8	97.0	81.8	58.8	39.7	25.8	14.9	7.3	58.2	1258
16	100.0	99.8	97.1	85.0	66.2	47.3	32.1	18.2	7.3	60.9	1259
19	100.0	99.9	99.7	96.7	84.3	67.4	46.0	28.8	12.8	69.3	1258
22	100.0	100.0	99.7	97.8	85.0	73.4	53.2	32.4	14.6	71.9	1258
ALL	100.0	99.9	99.1	94.1	82.3	66.1	47.8	29.9	14.1	69.1	10066
DEC											
01	100.0	100.0	99.7	97.5	88.2	72.9	54.6	35.1	16.7	72.3	1297
04	100.0	100.0	99.8	98.5	91.9	76.2	57.3	38.0	17.5	73.6	1296
07	100.0	100.0	100.0	98.3	92.9	79.8	60.7	38.1	17.6	74.4	1299
10	100.0	100.0	99.6	94.8	81.1	59.3	40.5	25.9	13.8	67.3	1299
13	100.0	99.7	96.5	83.4	64.1	44.1	31.5	19.6	11.8	60.6	1300
16	100.0	99.6	97.4	84.9	67.1	50.6	36.2	22.8	11.4	62.7	1300
19	100.0	100.0	99.4	95.3	83.2	66.8	47.8	30.4	14.2	69.5	1295
22	100.0	100.0	99.5	96.8	86.1	70.7	52.2	32.3	16.0	71.1	1296
ALL	100.0	99.9	99.0	93.7	81.7	65.0	47.6	30.3	14.7	68.9	10382

12 - RELATIVE HUMIDITY

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH HOURS (LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
ANN											
01	100.0	100.0	99.8	98.4	93.0	82.4	65.8	43.6	18.4	75.9	15263
04	100.0	100.0	99.9	98.9	94.4	85.2	70.0	49.2	21.8	77.8	15258
07	100.0	100.0	99.9	99.0	94.8	84.6	67.2	44.3	18.4	76.6	15254
10	100.0	100.0	98.9	93.4	78.9	57.5	36.1	19.9	8.3	64.9	15266
13	100.0	99.6	95.9	84.1	63.5	42.1	25.1	13.6	5.9	58.6	15271
16	100.0	99.5	95.6	83.9	65.0	44.8	28.3	15.6	6.5	59.5	15272
19	100.0	99.9	99.0	94.8	83.2	66.5	45.6	25.6	9.8	68.1	15257
22	100.0	100.0	99.6	97.5	90.7	78.1	59.5	36.4	13.6	73.2	15255
ALL	100.0	99.9	98.6	93.7	82.9	67.6	49.7	31.0	12.8	65.3	122096

13 - WEATHER CONDITIONS

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	TSTM	RAIN E/OR DRIZZLE	FREEZE	SNOW E/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	HAZE	SMOKE E/OR SNOW	BLOWING E/OR SAND	% OBS. W/OBST VISION	TOTAL NO. OF OBS.
JAN	01	.0	9.8	.7	3.4	.1	13.1	18.0	6.5	.7	.0	23.9	1225
	04	.0	9.9	.7	4.2	.4	14.7	19.7	6.9	.6	.0	25.9	1227
	07	.0	10.8	.7	3.3	.4	14.9	23.2	10.1	.5	.0	31.4	1229
	10	.0	9.1	.4	4.3	.3	13.7	19.0	14.5	.7	.0	32.5	1231
	13	.0	8.7	.3	4.1	.2	12.9	14.8	13.4	.6	.0	27.5	1230
	16	.0	9.5	.3	4.2	.7	13.9	15.3	13.6	.5	.0	27.5	1231
	19	.0	9.6	1.0	3.0	.2	13.3	15.9	10.2	.7	.0	25.5	1230
	22	.0	9.7	.8	3.3	.5	13.6	16.6	6.1	.6	.0	22.3	1226
	ALL	.0	9.6	.6	3.7	.4	13.8	17.8	10.2	.6	.0	27.1	9829
FEB	01	.0	10.3	.3	2.7	.4	13.2	19.7	7.0	.4	.0	25.9	1140
	04	.1	9.9	.4	3.1	.2	13.1	20.7	6.6	.6	.0	26.5	1138
	07	.0	10.0	.4	2.5	.3	12.9	25.3	11.7	.6	.0	35.4	1141
	10	.1	8.9	.3	3.4	.3	12.2	19.9	14.0	.7	.0	33.3	1143
	13	.1	9.4	.5	3.5	.4	12.9	15.2	13.3	.5	.0	28.6	1142
	16	.4	9.8	.5	3.6	.6	13.3	15.7	14.4	.7	.0	30.1	1141
	19	.3	10.0	.6	3.4	.9	13.9	16.1	11.1	.6	.0	26.9	1140
	22	.1	10.3	.4	3.3	.3	13.7	17.6	7.4	.8	.0	24.9	1139
	ALL	.1	9.8	.4	3.2	.4	13.2	18.8	10.7	.6	.0	29.0	9124
MAR	01	.2	10.6	.2	1.9	.1	12.1	17.1	5.7	.3	.0	22.5	1260
	04	.0	12.8	.0	1.8	.1	14.3	19.2	6.1	.3	.2	24.9	1264
	07	.1	12.6	.2	1.7	.2	14.4	23.7	10.3	.5	.0	32.5	1266
	10	.1	12.9	.1	1.3	.2	14.1	16.3	12.0	.4	.0	28.0	1266
	13	.1	11.4	.2	2.0	.2	13.0	13.5	12.5	.3	.0	25.5	1263
	16	.2	11.2	.1	1.1	.1	12.1	13.3	13.2	.2	.0	25.7	1260
	19	.5	13.0	.1	1.3	.0	14.0	13.9	11.2	.2	.0	24.6	1260
	22	.3	11.8	.1	1.4	.2	13.1	14.9	7.1	.2	.0	21.4	1259
	ALL	.2	12.0	.1	1.6	.1	13.4	16.5	9.8	.3	.0	25.6	10098
APR	01	.3	10.5	.0	.1	.0	10.5	12.1	5.1	.0	.0	16.3	1242
	04	.2	11.2	.1	.2	.1	11.3	16.3	5.0	.0	.1	20.0	1243
	07	.0	11.3	.0	.3	.0	11.6	21.0	11.3	.0	.0	30.1	1244
	10	.1	9.0	.0	.5	.0	9.3	12.5	12.7	.1	.0	24.2	1242
	13	.5	10.5	.0	.1	.0	10.4	9.0	13.6	.0	.0	21.6	1247
	16	1.0	10.0	.0	.1	.1	10.0	8.3	13.6	.0	.0	21.0	1244
	19	1.3	9.9	.0	.0	.0	9.9	8.7	13.1	.0	.0	20.7	1241
	22	.6	10.0	.0	.0	.2	10.1	10.3	7.8	.0	.0	17.1	1237
	ALL	.5	10.3	.0	.2	.1	10.4	12.3	10.3	.0	.0	21.3	9940

13 - WEATHER CONDITIONS

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	TSTM	RAIN		FREEZE DRIZZLE	SNOW SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS. W/OBST VISION	TOTAL NO. OF OBS.
			E/OR DRIZZLE	RAIN & FREEZE										

MAY	01	1.0	10.9	.0	.0	.0	.0	10.9	14.7	11.4	.0	.0	.0	24.1	1286
	04	.4	10.4	.0	.0	.0	.0	10.4	21.0	11.7	.0	.0	.0	29.4	1288
	07	.2	9.9	.0	.0	.0	.0	9.8	22.1	18.0	.0	.0	.0	35.6	1291
	10	.2	7.4	.0	.0	.0	.0	7.4	12.6	18.5	.0	.0	.0	28.8	1291
	13	.7	8.0	.0	.0	.0	.0	8.0	7.4	20.2	.0	.0	.0	26.5	1288
	16	2.6	9.6	.0	.0	.0	.0	9.6	6.5	20.7	.0	.0	.0	25.6	1287
	19	3.1	9.6	.0	.0	.0	.0	9.6	8.6	18.0	.0	.0	.0	25.3	1287
22	1.5	11.1	.0	.0	.0	.0	11.1	13.0	13.0	.0	.0	.0	22.5	1283	
ALL	1.2	9.6	.0	.0	.0	.0	9.6	13.0	16.4	.0	.0	.0	27.2	10301	

JUN	01	1.0	6.7	.0	.0	.0	.0	6.7	11.6	22.3	.0	.0	.0	30.4	1250
	04	.6	6.9	.0	.0	.0	.0	6.8	20.2	24.6	.0	.0	.0	38.6	1250
	07	.3	7.0	.0	.0	.0	.0	6.9	17.7	28.8	.0	.0	.0	41.1	1248
	10	.1	5.0	.0	.0	.0	.0	4.8	6.3	26.5	.0	.0	.0	31.9	1246
	13	.5	5.1	.0	.0	.0	.0	5.1	3.9	27.5	.0	.0	.0	30.9	1246
	16	2.2	6.3	.0	.0	.0	.0	6.3	3.0	29.7	.0	.0	.0	32.3	1247
	19	3.0	7.6	.0	.0	.0	.0	7.6	4.2	27.3	.0	.0	.0	30.6	1247
22	2.0	6.4	.0	.0	.0	.0	6.4	6.8	23.1	.0	.0	.0	28.4	1246	
ALL	1.2	6.4	.0	.0	.0	.0	6.3	9.2	26.2	.0	.0	.0	33.0	9980	

JUL	01	1.5	4.9	.0	.0	.0	.0	4.9	11.0	29.2	.0	.0	.0	35.2	1294
	04	.5	5.5	.0	.0	.0	.0	5.5	17.7	30.5	.0	.0	.0	39.8	1293
	07	.2	4.6	.0	.0	.0	.0	4.6	16.4	35.9	.0	.0	.0	44.3	1295
	10	.5	5.8	.0	.0	.0	.0	5.8	4.2	33.8	.0	.0	.0	36.4	1295
	13	1.6	5.5	.0	.0	.0	.0	5.5	2.2	33.6	.0	.0	.0	35.3	1294
	16	2.7	6.6	.0	.0	.0	.0	6.6	2.0	33.6	.0	.0	.0	35.3	1293
	19	4.5	7.2	.0	.0	.0	.0	7.2	2.7	33.7	.0	.0	.0	35.4	1295
22	3.2	6.6	.0	.0	.0	.0	6.6	5.6	31.2	.0	.0	.1	34.0	1294	
ALL	1.9	5.8	.0	.0	.0	.0	5.8	7.7	32.7	.0	.0	.0	37.0	10353	

AUG	01	1.2	5.1	.0	.0	.0	.0	5.1	12.4	31.1	.0	.0	.0	38.2	1302
	04	1.2	5.2	.0	.0	.0	.0	5.2	20.0	31.0	.0	.0	.0	42.2	1302
	07	.3	5.1	.0	.0	.0	.0	5.1	21.3	39.0	.0	.0	.0	48.3	1302
	10	.2	5.0	.0	.0	.0	.0	5.0	4.9	36.3	.0	.0	.0	39.5	1302
	13	1.0	4.8	.0	.0	.0	.0	4.8	2.1	35.1	.0	.0	.0	36.9	1302
	16	3.5	6.8	.0	.0	.0	.0	6.8	2.2	35.7	.0	.0	.0	37.7	1302
	19	4.1	8.4	.0	.0	.0	.0	8.4	3.6	36.3	.0	.0	.0	39.2	1302
22	2.2	6.4	.0	.0	.0	.0	6.4	6.5	32.1	.0	.0	.0	36.5	1302	
ALL	1.7	5.8	.0	.0	.0	.0	5.8	9.1	34.6	.0	.0	.0	39.8	10416	

13 - WEATHER CONDITIONS

013721 PATUXENT RIVER. MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	TSTM	RAIN E/OR	FREEZE RAIN & FREEZE	SNOW E/OR SLEET	HAIL	OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST & OBS. E/OR SAND	VISION	TOTAL W/OBST NO. OF OBS.
			DRIZZLE	DRIZZLE									
SEP	01	.7	7.2	.0	.0	.0	7.2	14.2	20.4	.0	.0	30.8	1243
	04	.2	7.1	.0	.0	.0	7.1	22.2	21.3	.0	.1	36.5	1246
	07	.1	6.7	.0	.0	.0	6.7	25.2	27.6	.0	.1	43.1	1252
	10	.0	6.5	.0	.0	.0	6.5	8.8	24.7	.0	.0	32.0	1245
	13	.4	6.4	.0	.0	.0	6.4	5.3	23.1	.0	.0	28.0	1243
	16	1.0	6.3	.0	.0	.0	6.3	4.9	23.6	.0	.0	28.1	1244
	19	1.4	7.7	.0	.0	.0	7.7	6.8	23.9	.0	.0	29.8	1242
ALL	22	.6	7.5	.0	.0	.0	7.4	11.1	21.0	.0	.0	28.7	1241
	ALL	.5	6.9	.0	.0	.0	6.9	12.2	23.2	.0	.0	32.1	9956

OCT	01	.2	8.8	.0	.0	.0	8.7	18.1	12.3	.0	.0	27.0	1275
	04	.2	9.4	.0	.0	.0	9.3	25.0	12.8	.0	.0	33.7	1277
	07	.0	8.5	.0	.0	.0	8.4	30.5	17.0	.0	.1	41.8	1279
	10	.0	8.0	.0	.0	.1	7.9	13.2	19.0	.0	.0	30.3	1273
	13	.1	7.7	.0	.0	.0	7.6	8.7	17.6	.0	.0	25.5	1269
	16	.2	8.1	.0	.0	.0	8.0	8.4	17.4	.0	.0	25.1	1269
	19	.2	8.0	.0	.0	.0	7.9	10.2	16.3	.0	.0	25.2	1268
ALL	22	.2	7.5	.0	.0	.0	7.3	13.4	14.2	.0	.0	25.0	1269
	ALL	.1	8.3	.0	.0	.0	8.1	16.0	15.8	.0	.0	29.2	10179

NOV	01	.1	10.7	.0	.2	.0	10.8	16.5	8.0	.1	.0	23.1	1223
	04	.0	9.3	.0	.3	.0	9.6	20.4	7.1	.0	.1	26.0	1223
	07	.1	10.1	.0	.3	.3	10.5	26.5	12.9	.0	.2	36.4	1230
	10	.0	9.6	.0	.4	.0	10.0	15.8	16.2	.0	.0	30.4	1225
	13	.1	9.3	.0	.3	.0	9.4	11.1	14.9	.0	.0	25.0	1218
	16	.0	9.0	.0	.4	.1	9.2	10.6	14.6	.0	.0	24.1	1222
	19	.2	9.5	.0	.1	.2	9.6	12.8	11.4	.0	.0	22.8	1223
ALL	22	.2	9.0	.0	.2	.1	9.3	13.9	8.9	.0	.0	21.1	1220
	ALL	.1	9.6	.0	.3	.1	9.8	16.0	11.8	.0	.0	26.2	9784

DEC	01	.0	9.1	.4	1.0	.2	10.3	16.9	7.1	.1	.0	23.2	1257
	04	.0	10.6	.2	1.4	.2	12.0	18.8	7.1	.1	.0	24.8	1261
	07	.0	10.7	.2	1.0	.3	11.8	23.2	11.6	.2	.1	32.7	1267
	10	.0	11.1	.1	1.8	.3	12.8	18.8	13.4	.2	.1	31.3	1266
	13	.0	9.9	.2	2.1	.3	12.0	15.1	13.8	.2	.0	28.1	1262
	16	.0	9.6	.2	1.6	.2	11.3	15.6	15.6	.2	.0	29.9	1260
	19	.0	10.3	.2	1.8	.2	11.8	15.8	11.1	.2	.0	26.4	1256
ALL	22	.1	9.5	.6	1.2	.1	10.9	16.3	8.0	.2	.0	23.7	1259
	ALL	.0	10.1	.2	1.5	.2	11.6	17.6	11.0	.2	.0	27.5	10088

13 - WEATHER CONDITIONS

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	TSTM	RAIN E/CR	FREEZE RAIN E	SNOW E/CR	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE E/CR	BLOWING SNOW	DUST E/CR	% OBS. W/OBST	TOTAL NO. OF OBS.
			DRIZZLE	FREEZE DRIZZLE	SLEET				HAZE		SAND	VISION	
JAN	ALL	.0	9.6	.6	3.7	.4	13.8	17.8	10.2	.6	.0	27.1	9829
FEB	ALL	.1	9.8	.4	3.2	.4	13.2	18.8	10.7	.6	.0	29.0	9124
MAR	ALL	.2	12.0	.1	1.6	.1	13.4	16.5	9.8	.3	.0*	25.6	10098
APR	ALL	.5	10.3	.0*	.2	.1	10.4	12.3	10.3	.0*	.0*	21.3	9940
MAY	ALL	1.2	9.6	.0	.0	.0	9.6	13.0	16.4	.0	.0	27.2	10301
JUN	ALL	1.2	6.4	.0	.0	.0	6.3	9.2	26.2	.0	.0	33.0	9980
JUL	ALL	1.9	5.8	.0	.0	.0	5.8	7.7	32.7	.0	.0*	37.0	10353
AUG	ALL	1.7	5.8	.0	.0	.0	5.8	9.1	34.6	.0	.0	39.8	10416
SEP	ALL	.5	6.9	.0	.0	.0	6.9	12.2	23.2	.0	.0*	32.1	9956
OCT	ALL	.1	8.3	.0	.0	.0	8.1	16.0	15.8	.0	.0*	29.2	10179
NOV	ALL	.1	9.6	.0	.3	.1	9.8	16.0	11.8	.0*	.0*	26.2	9784
DEC	ALL	.0*	10.1	.2	1.5	.2	11.6	17.6	11.0	.2	.0*	27.5	10088
TOTALS		.6	8.7	.1	.8	.1	9.5	13.8	17.9	.1	.0*	29.7	120048

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION

VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
MONTH : JAN

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	FREEZE		SLEET	SNOW		HAIL		THUNDER		FOG	ICE FOG		SMOKE		BLOWING		NO WEATHER
				RAIN	FREEZE	" SHOWERS	" GRAINS	" PELLET	SMALL HAIL	TORNADO SQUALLS	GROUND FOG	HAZE		SNOW	SAND DUST					
N	10.8	.4	3.1	2.0	2.0	1.0	9.9	.1	.0	23.4	3.6	10.1	1.8	.0	.0	.0	.0	.0	51.4	
NNE	12.1	.6	4.0	2.3	2.3	1.0	9.8	.0	.0	23.1	2.1	11.2	3.1	.0	.0	.0	.0	.0	53.7	
NE	10.9	.0	2.6	1.6	1.6	1.6	7.6	.0	.0	16.4	1.3	12.2	.5	.0	.0	.0	.0	.0	61.2	
ENE	12.0	.5	2.8	2.3	2.3	1.4	7.8	.0	.0	18.4	3.2	14.3	.0	.0	.0	.0	.0	.0	55.8	
E	14.7	.0	3.2	.9	.5	.0	6.5	.0	.0	24.0	2.3	12.9	.0	.0	.0	.0	.0	.0	53.0	
ESE	17.5	.0	1.1	.6	.0	.0	1.7	.0	.0	25.4	2.8	19.2	.0	.0	.0	.0	.0	.0	49.2	
SE	9.5	.8	1.6	.0	.0	.0	1.6	.0	.0	22.0	3.0	19.3	.0	.0	.0	.0	.0	.0	52.7	
SSE	13.5	.2	2.4	.5	.0	.0	1.7	.0	.0	22.8	1.9	15.9	.0	.0	.0	.0	.0	.0	55.5	
S	8.1	.0	.7	.0	.0	.0	3.6	.0	.0	13.2	2.9	10.2	.0	.0	.0	.0	.0	.0	66.5	
SSW	7.5	.9	1.2	.5	.2	.0	1.4	.0	.0	9.1	2.3	11.9	.0	.0	.0	.0	.0	.0	66.7	
SW	7.2	1.0	.6	.0	.0	.1	1.3	.0	.0	9.7	2.2	8.4	.0	.0	.0	.0	.0	.0	73.4	
WSW	5.3	.4	.9	.0	.0	.0	1.1	.0	.0	10.0	1.1	6.2	.2	.0	.0	.0	.0	.0	71.1	
W	2.4	.5	1.5	.2	.0	.0	1.3	.0	.0	11.3	1.5	5.0	.5	.0	.0	.0	.0	.0	73.1	
WNW	1.7	.4	1.4	.0	.0	.0	2.7	.0	.0	8.1	1.2	5.8	1.4	.0	.0	.0	.0	.0	78.7	
NW	3.3	.4	1.8	.2	.2	.0	1.8	.0	.0	8.7	1.7	6.2	.4	.0	.0	.0	.0	.0	78.1	
NNW	4.2	.5	2.0	.5	.3	.0	3.8	.1	.0	12.7	.8	6.0	.6	.0	.0	.0	.0	.0	74.7	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	6.7	.1	1.6	.6	.2	.0	2.5	.0	.0	19.2	7.3	15.4	.0	.0	.0	.0	.0	.0	57.3	
TOTALS	716	42	187	62	33	33	367	2	0	1496	250	1001	59	0	0	0	0	0	6731	
% TOTAL	7.0	.4	1.8	.6	.3	.3	3.6	.0*	.0	14.7	2.5	9.8	.6	.0	.0	.0	.0	.0	66.2	

TOTAL NUMBER OF OBSERVATIONS : 10163

NOTES :

* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
MONTH : FEB

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	FREEZE RAIN	SLEET " SHOWERS	SNOW " GRAINS " PELLET	HAIL SMALL MAIL	THUNDER TORNADO SQUALLS	FOG	ICE GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SNOW DUST	NO WEATHER
N	9.4	.4	2.0	1.0	1.2	8.5	.0	.0	22.3	1.4	13.2	2.4	.0	55.9
NNE	8.1	.4	5.1	1.6	1.8	8.9	.0	.4	23.2	1.2	11.9	1.4	.0	55.4
NE	12.4	.5	5.6	1.0	1.0	7.8	.0	.3	19.9	2.3	15.7	1.5	.0	54.5
ENE	19.1	.8	4.3	1.6	2.0	8.6	.0	.0	28.1	2.7	11.3	.4	.0	47.7
E	21.0	.4	3.6	.0	.4	3.6	.0	.4	28.1	3.9	15.3	.0	.0	47.3
ESE	13.0	.0	2.6	.0	.0	3.5	.0	.0	22.1	4.8	22.1	.0	.0	51.9
SE	9.8	1.2	2.7	.0	.0	2.0	.0	.9	20.0	4.1	17.6	.0	.0	55.4
SSE	10.0	1.7	1.2	.0	.4	1.0	.0	.2	19.1	1.5	15.0	.2	.0	60.5
S	8.3	.9	.7	.0	.2	.7	.0	.0	13.7	1.2	10.4	.0	.0	70.9
SSW	6.0	1.5	1.3	.0	.3	.3	.0	.0	10.3	2.3	9.8	.0	.0	71.5
SW	4.2	1.7	1.0	.0	.0	.6	.0	.0	8.2	2.1	7.8	.0	.0	77.4
WSW	3.2	.9	.9	.0	.0	1.4	.3	.3	7.2	3.2	7.5	.0	.0	75.3
W	3.9	.4	.9	.0	.0	1.3	.0	.2	11.4	2.8	4.1	.4	.0	78.6
WNW	2.8	.3	.7	.1	.0	1.1	.0	.0	8.4	1.7	5.5	.9	.0	81.5
NW	2.8	.6	1.6	.3	.1	2.1	.0	.0	10.6	1.0	6.9	.7	.0	78.6
NNW	2.8	.3	2.0	.6	.4	4.1	.0	.0	11.7	1.2	5.9	.8	.0	76.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	5.2	.0	3.6	.4	.0	.6	.0	.0	24.7	8.0	14.1	.0	.0	53.6
TOTALS	633	61	202	38	37	291	1	12	1482	232	975	56	0	6175
% TOTAL	6.8	.7	2.2	.4	.4	3.1	.0*	.1	16.0	2.5	10.5	.6	.0	66.7

TOTAL NUMBER OF OBSERVATIONS : 9260

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
MONTH : MAR

WIND DIR.	RAIN	RAIN SHOURS	DRIZZLE	FREEZE RAIN	SLEET " SHOWRS	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	10.4	1.5	4.9	.5	.1	4.3	.0	.1	23.1	2.0	10.6	.7	.0	56.3
NNE	14.1	1.1	8.8	.7	.4	4.0	.0	.0	26.1	1.8	10.1	.9	.0	51.7
NE	13.8	1.3	6.1	.0	.2	3.1	.0	.2	18.3	2.6	10.7	.4	.0	59.2
ENE	17.6	1.6	5.9	.3	.3	4.6	.0	.3	28.0	1.3	12.1	1.0	.0	48.9
E	17.5	2.1	6.2	.3	.3	1.8	.0	.5	28.8	2.1	14.4	.0	.0	44.5
ESE	18.5	2.9	2.6	.0	.6	.9	.0	.0	23.1	2.9	14.2	.0	.0	51.7
SE	9.0	1.9	1.8	.0	.0	.3	.0	.1	15.6	2.7	19.4	.0	.0	58.8
SSE	8.8	3.4	1.1	.0	.0	.3	.0	.3	13.8	2.6	14.3	.0	.0	64.3
S	6.9	3.0	.7	.0	.2	.7	.0	.0	10.1	2.7	8.4	.0	.0	72.6
SSW	4.7	2.5	.4	.0	.0	.2	.0	.4	5.3	1.3	8.5	.0	.0	79.2
SW	4.3	1.2	.2	.0	.0	.2	.0	.0	3.4	1.4	6.4	.0	.0	83.1
WSW	3.2	1.4	.3	.0	.0	.0	.0	.0	4.9	.6	9.5	.0	.0	77.9
W	3.0	1.9	.6	.0	.2	.9	.0	.2	5.8	1.1	4.3	.0	.0	80.7
WNW	2.5	.8	.9	.0	.0	1.0	.0	.1	5.5	1.0	5.1	.5	.0	82.3
NW	3.0	1.2	1.4	.0	.2	1.9	.0	.0	7.9	2.0	4.3	.5	.0	80.1
NNW	4.9	1.7	1.6	.0	.0	2.3	.0	.1	10.2	1.3	6.4	.5	.0	74.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	4.4	1.2	2.1	.0	.0	.0	.0	.4	18.8	9.5	11.5	.0	.3	57.5
TOTALS	781	182	251	10	12	159	0	16	1414	250	987	30	2	7073
% TOTAL	7.5	1.7	2.4	.1	.1	1.5	.0	.2	13.6	2.4	9.5	.3	.0*	67.9

TOTAL NUMBER OF OBSERVATIONS : 10413

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
MONTH : APR

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE RAIN FREEZE	SLEET " SHOWRS ICE	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SANC DUST	NO WEATHER
N	6.7	4.5	3.6	.0	.2	.5	.0	.5	16.7	2.0	11.1	.0	.0	65.3
NNE	5.6	2.6	3.5	.2	.0	.4	.0	.6	13.4	.5	11.5	.2	.0	70.3
NE	11.3	1.9	6.6	.0	.9	.4	.0	.2	17.3	3.0	10.0	.0	.0	62.2
ENE	15.7	2.2	8.2	.0	.0	.4	.0	1.9	23.2	1.1	16.9	.0	.0	54.3
E	15.1	4.0	6.0	.0	.0	.0	.0	1.1	26.2	3.7	16.2	.0	.0	47.9
ESE	9.1	3.4	3.4	.0	.0	.3	.0	.8	14.6	2.9	21.9	.0	.0	58.1
SE	6.1	1.9	1.2	.0	.0	.0	.0	.2	11.4	2.5	17.6	.0	.0	65.4
SSE	6.6	2.7	1.1	.0	.0	.0	.0	.8	11.2	2.6	12.8	.0	.0	71.3
S	4.4	2.9	.2	.0	.0	.0	.0	.3	6.9	1.4	8.3	.0	.0	78.7
SSW	4.4	3.5	.9	.0	.0	.2	.0	.5	5.9	1.6	9.1	.0	.0	77.4
SW	2.9	2.8	.0	.0	.0	.1	.0	.7	2.8	1.5	6.3	.0	.0	84.7
WSW	2.2	2.7	.0	.0	.0	.0	.0	.2	4.0	.7	5.5	.0	.0	84.6
W	1.3	2.9	.4	.0	.0	.0	.0	.2	3.3	.9	6.6	.0	.0	84.2
WNW	1.5	1.8	1.0	.0	.0	.0	.0	.0	4.4	.6	6.9	.0	.0	85.5
NW	3.7	3.1	.3	.0	.0	.1	.0	.4	4.7	.7	4.3	.0	.1	85.3
NNW	5.0	2.6	1.8	.0	.0	.2	.0	.6	6.4	2.1	4.0	.0	.0	81.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	4.0	2.4	2.7	.0	.0	.3	.0	.1	16.1	6.6	11.8	.0	.0	63.2
TOTALS	554	280	191	1	5	15	0	49	1006	212	1021	1	1	7400
% TOTAL	5.5	2.8	1.9	.0*	.0*	.1	.0	.5	10.0	2.1	10.1	.0*	.0*	73.4

TOTAL NUMBER OF OBSERVATIONS : 10076

NOTES :

* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
MONTH : MAY

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	FREEZE RAIN	SLEET	SHOWERS	SNOW GRAINS	SNOW PELLET	HAIL SMALL	THUNDER	FOG	ICE GROUND	FOG	SMOKE HAZE	SNOW	BLOWING	BLOWING	NO WEATHER
					ICE				HAIL	SQUALLS						DUST		
N	5.7	3.1	4.5	.0	.0	.0	.0	.0	.0	1.2	14.5	1.0	18.1	.0	.0	.0	.0	61.5
NNE	7.4	2.7	3.8	.0	.0	.0	.0	.0	.0	.9	16.4	1.8	17.3	.0	.0	.0	.0	61.5
NE	8.9	2.6	4.1	.0	.0	.0	.0	.0	.0	.6	16.8	1.5	15.9	.0	.0	.0	.0	63.0
ENE	11.9	2.4	4.1	.0	.0	.0	.0	.0	.0	1.0	21.0	1.7	17.6	.0	.0	.0	.0	55.6
E	10.3	4.1	2.3	.0	.0	.0	.0	.0	.0	1.0	21.1	2.3	17.2	.0	.0	.0	.0	56.8
ESE	8.5	2.7	1.9	.0	.0	.0	.0	.0	.0	1.0	16.8	2.2	17.5	.0	.0	.0	.0	60.6
SE	4.7	3.9	.7	.0	.0	.0	.0	.0	.0	2.4	10.5	2.5	20.6	.0	.0	.0	.0	63.1
SSE	4.8	3.4	.4	.0	.0	.0	.0	.0	.0	1.1	8.3	2.2	22.1	.0	.0	.0	.0	65.2
S	4.3	3.0	.4	.0	.0	.0	.0	.0	.0	.6	7.0	2.3	16.2	.0	.0	.0	.0	71.1
SSW	2.8	4.8	.1	.0	.0	.0	.0	.0	.0	1.8	5.1	1.8	14.7	.0	.0	.0	.0	73.0
SW	2.5	4.0	.1	.0	.0	.0	.0	.0	.0	.6	3.9	2.3	14.9	.0	.0	.0	.0	74.9
WSW	1.2	3.0	.7	.0	.0	.0	.0	.0	.0	1.2	4.7	2.6	17.0	.0	.0	.0	.0	74.6
W	2.8	2.6	.4	.0	.0	.0	.0	.0	.0	2.6	5.5	3.2	14.9	.0	.0	.0	.0	74.3
WNW	1.5	2.7	.0	.0	.0	.0	.0	.0	.0	1.0	4.0	2.3	16.7	.0	.0	.0	.0	79.3
NW	3.5	4.5	.1	.0	.0	.0	.0	.0	.0	1.3	6.9	2.4	10.6	.0	.0	.0	.0	74.9
NNW	3.5	5.5	1.5	.0	.0	.0	.0	.0	.0	.7	9.9	1.7	9.5	.0	.0	.0	.0	75.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	2.8	2.9	1.3	.0	.0	.0	.0	.0	.0	.9	15.5	8.2	17.4	.0	.0	.0	.0	60.5
TOTALS	489	363	138	0	0	0	0	0	0	124	1072	269	1694	0	0	0	0	7060
% TOTAL	4.7	3.5	1.3	.0	.0	.0	.0	.0	.0	1.2	10.3	2.6	16.3	.0	.0	.0	.0	67.8

TOTAL NUMBER OF OBSERVATIONS : 10415

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
MONTH : JUN

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	FREEZE RAIN	SLEET " SHOWERS	SNOW " GRAINS " PELLET	HAIL SMALL MAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	4.5	3.8	2.2	.0	.0	.0	.0	1.1	10.3	1.3	24.3	.0	.0	61.8
NNE	5.8	4.2	2.8	.0	.0	.0	.0	1.6	11.4	1.6	20.6	.0	.0	62.4
NE	7.5	2.8	2.1	.0	.0	.0	.0	.7	11.7	.5	17.1	.0	.0	64.4
ENE	7.5	5.2	2.4	.0	.0	.0	.0	1.2	17.5	.8	25.8	.0	.0	54.4
E	5.8	3.1	3.4	.0	.0	.0	.0	1.5	14.1	1.8	22.6	.0	.0	56.6
ESE	1.1	4.2	1.1	.0	.0	.0	.0	.5	10.8	1.8	26.3	.0	.0	59.2
SE	3.1	2.4	.6	.0	.0	.0	.0	1.1	5.6	1.6	27.2	.0	.0	63.7
SSE	2.7	1.7	.2	.0	.0	.0	.0	1.5	3.7	1.8	31.5	.0	.0	60.7
S	2.8	3.0	.0	.0	.0	.0	.0	1.4	4.9	1.6	26.5	.0	.0	65.4
SSW	1.9	3.4	.3	.0	.0	.0	.0	.3	4.7	2.2	28.9	.0	.0	63.4
SW	1.4	2.3	.0	.0	.0	.0	.0	1.0	2.1	2.2	27.8	.0	.0	67.0
WSW	1.7	4.0	.0	.0	.0	.0	.0	1.3	5.1	4.4	33.0	.0	.0	57.4
W	.7	2.7	.0	.0	.0	.0	.0	2.0	5.6	3.6	28.3	.0	.0	63.5
WNW	.8	3.2	.4	.0	.0	.0	.0	.6	6.5	2.1	24.0	.0	.0	66.9
NW	.5	3.3	.2	.0	.0	.0	.0	1.8	4.3	1.3	17.1	.0	.0	74.4
NNW	2.4	2.9	.7	.0	.0	.0	.0	2.4	6.0	3.8	19.2	.0	.0	67.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.5	1.7	.1	.0	.0	.0	.0	.7	7.1	8.0	28.7	.0	.0	58.4
TOTALS	267	297	68	0	0	0	0	121	660	256	2617	0	0	6380
% TOTAL	2.7	2.9	.7	.0	.0	.0	.0	1.2	6.6	2.5	26.0	.0	.0	63.3

TOTAL NUMBER OF OBSERVATIONS : 10073

NOTES :

* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
MONTH : JUL

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE				SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE GROUND FOG	SMOKE HAZE	BLOWING		NO WEATHER
				RAIN	SLEET	" SHOWRS	FREEZE							SNOW	SAND DUST	
N	2.1	3.8	.0	.0	.0	.0	.0	.0	.0	1.0	4.8	1.9	27.1	.0	.0	65.2
NNE	2.2	3.1	.7	.0	.0	.0	.0	.0	.0	1.0	6.5	1.2	27.2	.0	.0	63.7
NE	2.9	3.9	.8	.0	.0	.0	.0	.0	.0	1.3	8.1	1.8	24.2	.0	.0	64.6
ENE	5.2	6.5	.8	.0	.0	.0	.0	.0	.0	2.0	14.5	3.6	26.6	.0	.0	55.6
E	4.2	4.2	.3	.0	.0	.0	.0	.0	.0	1.2	8.8	1.5	26.4	.0	.0	60.3
ESE	4.2	6.1	.8	.0	.0	.0	.0	.0	.0	3.1	3.6	1.1	36.6	.0	.3	53.6
SE	2.3	3.2	.0	.0	.0	.0	.0	.0	.0	1.2	2.4	1.1	34.0	.0	.0	59.6
SSE	2.6	2.6	.0	.0	.0	.0	.0	.0	.0	1.4	2.5	1.2	36.8	.0	.0	56.4
S	2.0	3.5	.2	.0	.0	.0	.0	.0	.0	2.4	3.1	3.1	32.0	.0	.0	60.4
SSW	2.3	3.5	.1	.0	.0	.0	.0	.0	.0	1.4	2.2	2.1	30.0	.0	.0	62.9
SW	1.7	3.5	.0	.0	.0	.0	.0	.0	.0	2.1	2.8	2.1	26.3	.0	.0	66.3
WSW	1.5	4.0	.2	.0	.0	.0	.0	.0	.0	3.0	5.4	2.7	38.9	.0	.0	53.9
W	1.2	2.6	.0	.0	.0	.0	.0	.0	.0	1.8	5.0	5.1	41.0	.0	.0	51.9
WNW	.4	4.2	.0	.0	.0	.0	.0	.0	.0	2.8	5.5	4.6	41.2	.0	.0	51.5
NW	1.0	2.2	.2	.0	.0	.0	.0	.0	.0	1.5	4.7	3.0	29.7	.0	.0	63.6
NNW	1.4	3.3	.0	.0	.0	.0	.0	.0	.0	1.2	4.3	3.3	29.3	.0	.0	64.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.4	4.1	.1	.0	.0	.0	.0	.0	.0	2.0	7.8	7.9	37.4	.0	.0	50.2
TOTALS	212	374	18	0	0	0	0	0	0	191	4.9	311	3384	0	1	6158
% TOTAL	2.0	3.6	.2	.0	.0	.0	.0	.0	.0	1.8	4.7	3.0	32.5	.0	.0*	59.1

TOTAL NUMBER OF OBSERVATIONS : 10412

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
MONTH : AUG

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	FREEZE RAIN	SLEET	" SHOWERS	SNOW GRAINS	HAIL	THUNDER	FOG	ICE	GROUND FOG	HAZE	SMOKE	BLOWING SNOW	BLOWING SAND	NO WEATHER
N	2.0	3.8	.8	.0	.0	.0	.0	.0	1.8	5.8	1.6	1.6	29.1	.0	.0	.0	62.7
NNE	3.3	2.7	.4	.0	.0	.0	.0	.0	1.5	5.5	1.3	1.3	30.2	.0	.0	.0	61.7
NE	4.2	3.5	.4	.0	.0	.0	.0	.0	1.3	9.0	1.9	1.9	25.1	.0	.0	.0	61.4
ENE	5.7	4.0	.0	.0	.0	.0	.0	.0	.8	10.2	3.0	3.0	27.2	.0	.0	.0	59.6
E	7.8	4.7	1.1	.0	.0	.0	.0	.0	1.1	12.0	2.2	2.2	27.6	.0	.0	.0	56.0
ESE	3.0	3.0	.0	.0	.0	.0	.0	.0	.8	4.4	.8	.8	34.3	.0	.0	.0	59.4
SE	1.2	2.4	.3	.0	.0	.0	.0	.0	1.9	1.3	1.3	1.3	33.4	.0	.0	.0	62.2
SSE	1.4	2.9	.2	.0	.0	.0	.0	.0	1.5	2.4	1.5	1.5	39.0	.0	.0	.0	55.9
S	1.8	4.3	.0	.0	.0	.0	.0	.0	2.6	3.5	2.2	2.2	34.2	.0	.0	.0	58.7
SSW	1.2	4.4	.0	.0	.0	.0	.0	.0	2.6	3.4	4.1	4.1	36.9	.0	.0	.0	55.6
SW	1.5	3.0	.1	.0	.0	.0	.0	.0	1.0	3.7	3.9	3.9	36.8	.0	.0	.0	56.8
WSW	2.0	3.6	.0	.0	.0	.0	.0	.0	2.6	3.8	5.5	5.5	46.8	.0	.0	.0	45.3
W	.9	2.4	.0	.0	.0	.0	.0	.0	.9	4.9	8.8	8.8	41.6	.0	.0	.0	51.1
WNW	.4	3.5	.0	.0	.0	.0	.0	.0	1.4	6.4	6.2	6.2	40.7	.0	.0	.0	52.5
NW	.8	2.7	.0	.0	.0	.0	.0	.0	1.6	5.0	5.1	5.1	27.7	.0	.0	.0	64.3
NNW	2.3	5.2	1.0	.0	.0	.0	.0	.0	3.3	7.2	3.3	3.3	30.3	.0	.0	.0	59.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.8	3.0	.2	.0	.0	.0	.0	.0	1.2	6.4	9.8	9.8	39.2	.0	.0	.0	49.5
TOTALS	226	358	24	0	0	0	0	0	177	541	407	407	3597	0	0	0	5925
% TOTAL	2.2	3.4	.2	.0	.0	.0	.0	.0	1.7	5.2	3.9	3.9	34.6	.0	.0	.0	57.0

TOTAL NUMBER OF OBSERVATIONS : 10399

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
MONTH : SEP

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	FREEZE RAIN	SLEET "SHOWERS"	SNOW "GRAINS"	HAIL SMALL SQUALLS	THUNDER	FOG	ICE FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	6.1	2.4	1.9	.0	.0	.0	.0	.2	10.6	1.0	17.7	.0	.0	66.8
NNE	9.4	1.6	2.8	.0	.0	.0	.0	.1	13.1	1.9	18.1	.0	.0	63.1
NE	9.4	1.6	2.3	.0	.0	.0	.0	.5	10.2	2.6	15.8	.0	.0	66.5
ENE	7.8	1.3	1.7	.0	.0	.0	.0	.4	13.2	1.1	18.1	.0	.0	63.5
E	6.5	4.0	.4	.0	.0	.0	.0	.8	12.4	2.3	26.8	.0	.0	58.7
ESE	3.8	2.0	.3	.0	.0	.0	.0	.3	6.7	2.9	21.2	.0	.0	68.4
SE	2.6	.9	.2	.0	.0	.0	.0	.5	7.4	2.0	20.9	.0	.0	68.7
SSE	1.8	2.9	.0	.0	.0	.0	.0	.9	4.4	2.0	31.0	.0	.0	61.5
S	3.0	2.4	.2	.0	.0	.0	.0	.5	5.1	2.9	26.3	.0	.0	65.7
SSW	1.1	2.9	.0	.0	.0	.0	.0	.8	4.0	5.4	25.4	.0	.0	65.6
SW	.9	1.9	.0	.0	.0	.0	.0	.7	4.0	5.3	29.1	.0	.0	63.4
WSW	1.5	2.8	.0	.0	.0	.0	.0	.8	6.0	4.0	29.8	.0	.0	60.2
W	1.1	2.0	.2	.0	.0	.0	.0	.9	6.3	7.9	27.4	.0	.0	62.4
WNW	1.2	2.8	.5	.0	.0	.0	.0	1.2	8.1	4.6	26.0	.0	.2	63.1
NW	3.2	1.6	.5	.0	.0	.0	.0	.5	8.5	4.1	16.7	.0	.0	70.2
NNW	3.4	2.3	2.3	.0	.0	.0	.0	.4	10.0	3.8	16.6	.0	.0	68.7
VAR	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	2.0	1.1	.2	.0	.0	.0	.0	.2	9.3	9.3	25.9	.0	.1	60.3
TOTALS	394	209	84	0	0	0	0	54	825	388	2313	0	2	6503
% TOTAL	3.9	2.1	.8	.0	.0	.0	.0	.5	8.2	3.9	23.0	.0	.0*	64.5

TOTAL NUMBER OF OBSERVATIONS : 10075

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
MONTH : OCT

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE RAIN	SLEET " SHOWRS	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	7.4	1.6	3.7	.0	.0	.0	.0	.3	14.7	2.5	19.6	.0	.0	59.3
NNE	8.6	1.2	4.5	.0	.1	.0	.0	.1	17.9	2.1	19.0	.0	.0	57.9
NE	10.6	1.4	3.5	.0	.0	.0	.0	.0	15.0	3.0	13.8	.0	.0	60.7
ENE	9.3	.7	3.7	.0	.0	.0	.0	.2	12.6	3.5	14.9	.0	.0	65.1
E	11.5	1.5	1.3	.0	.0	.0	.0	.0	14.5	2.8	17.0	.0	.0	59.8
ESE	10.3	.7	1.8	.0	.0	.0	.0	.7	14.2	5.3	15.6	.0	.0	58.2
SE	4.0	1.3	1.5	.0	.0	.0	.0	.0	11.0	3.4	18.2	.0	.0	64.9
SSE	5.9	2.6	2.4	.0	.0	.0	.0	.2	12.6	4.4	22.7	.0	.0	57.5
S	4.4	1.0	.4	.0	.0	.0	.0	.1	7.5	4.4	16.2	.0	.0	69.7
SSW	3.0	1.7	.2	.0	.0	.0	.0	.0	5.7	2.5	15.5	.0	.0	74.2
SW	2.5	1.2	.3	.0	.0	.0	.0	.0	4.5	1.7	16.8	.0	.0	75.0
WSW	2.8	.5	.5	.0	.0	.0	.0	.0	6.8	3.5	16.1	.0	.0	70.3
W	2.4	1.9	.2	.0	.0	.0	.0	.2	7.3	4.7	13.7	.0	.0	74.3
WNW	1.5	1.5	.5	.0	.0	.0	.0	.3	6.9	4.0	8.8	.0	.0	81.3
NW	3.8	1.3	.5	.0	.0	.0	.0	.2	8.1	5.6	9.4	.0	.0	74.7
NNW	5.3	2.2	1.3	.0	.0	.0	.0	.0	8.9	2.7	8.2	.0	.0	75.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.5	.6	1.5	.0	.0	.0	.0	.1	14.3	15.5	19.7	.0	.1	53.7
TOTALS	533	139	168	0	1	0	0	14	1121	504	1611	0	1	6930
% TOTAL	5.1	1.3	1.6	.0	.0*	.0	.0	.1	10.8	4.8	15.5	.0	.0*	66.6

TOTAL NUMBER OF OBSERVATIONS : 10410

NOTES :

* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION

VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
MONTH : NOV

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE RAIN	SLEET " SHOWRS	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLowing SNOW	BLowing DUST	NO WEATHER
N	11.0	.6	3.4	.0	.2	.8	.0	.0	15.9	1.7	8.8	.0	.0	66.3
NNE	12.8	.9	3.9	.0	.0	.9	.0	.0	15.8	1.7	12.6	.0	.0	62.3
NE	10.1	1.1	1.6	.0	.5	1.3	.0	.0	15.4	2.1	14.9	.0	.3	60.4
ENE	16.1	1.2	3.9	.0	.4	1.2	.0	.0	19.3	2.4	18.9	.0	.0	53.1
E	15.5	1.1	3.2	.0	.4	.0	.0	.4	29.2	6.0	12.7	.0	.0	44.0
ESE	13.1	2.4	3.2	.0	.0	.0	.0	.4	24.6	4.0	26.2	.0	.0	42.1
SE	6.7	1.6	1.4	.0	.0	.0	.0	.2	19.0	4.1	23.3	.0	.0	51.8
SSE	9.5	2.8	1.1	.0	.0	.2	.0	.0	18.0	2.5	16.3	.0	.0	57.6
S	8.8	2.2	1.1	.0	.0	.3	.0	.0	12.9	3.1	15.7	.0	.0	66.4
SSW	4.2	2.7	.8	.0	.0	.2	.0	.5	8.2	2.6	9.0	.0	.0	75.1
SW	4.1	1.8	.5	.0	.0	.2	.0	.0	6.9	2.4	10.4	.0	.0	75.9
WSW	1.9	1.3	.4	.0	.0	.0	.0	.0	5.4	1.1	10.8	.0	.0	78.4
W	3.3	.7	1.0	.0	.0	.3	.0	.0	7.8	3.6	8.8	.0	.0	75.4
WNW	2.9	.4	.4	.0	.0	.0	.0	.0	6.3	2.9	6.0	.0	.0	80.4
NW	3.5	1.0	.5	.0	.1	.3	.0	.0	7.4	1.9	6.0	.0	.0	79.7
NNW	6.7	1.5	.7	.0	.1	.2	.0	.1	7.6	1.2	6.1	.1	.0	76.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	3.8	.4	1.2	.0	.1	.0	.0	.1	15.5	13.0	14.1	.0	.3	56.4
TOTALS	668	132	136	0	8	29	0	8	1213	349	1151	1	4	6884
% TOTAL	6.6	1.3	1.4	.0	.1	.3	.0	.1	12.0	3.5	11.4	.0*	.0*	68.2

TOTAL NUMBER OF OBSERVATIONS : 10071

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
MONTH : DEC

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE RAIN	SLEET " SHOWRS	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	13.1	.1	2.8	1.3	1.0	3.6	.0	.0	24.6	1.2	11.0	.5	.0	56.1
NNE	14.8	.2	2.2	.2	.7	3.3	.0	.0	24.0	2.0	11.0	.7	.0	57.7
NE	14.0	.3	3.5	.3	.5	5.0	.0	.0	18.5	2.3	9.5	.3	.0	61.2
ENE	18.8	.8	1.5	.0	.0	2.3	.0	.0	19.5	1.9	11.3	.0	.0	60.2
E	19.9	.4	2.9	.0	.4	1.8	.0	.0	24.5	2.9	18.8	.0	.0	46.9
ESE	13.4	.0	3.0	.0	.0	1.5	.0	.0	19.9	2.5	20.9	.0	.0	51.7
SE	11.2	.8	1.5	.0	.0	.3	.0	.0	20.3	5.3	17.0	.0	.0	54.1
SSE	11.0	1.7	2.0	.5	.2	.5	.0	.0	21.8	5.9	15.9	.0	.0	51.7
S	9.0	1.4	.9	.2	.2	.0	.0	.0	12.8	2.4	10.6	.0	.0	70.2
SSW	6.7	.8	1.6	.2	.2	.3	.0	.0	11.8	1.6	14.1	.0	.0	68.0
SW	5.8	.9	.9	.0	.0	.8	.0	.0	8.2	1.5	11.5	.0	.0	72.2
WSW	3.4	.0	.9	.0	.0	.4	.0	.0	10.3	1.9	6.6	.0	.0	72.2
W	4.5	.5	1.1	.0	.0	1.1	.0	.0	11.1	2.0	8.3	.2	.0	73.7
WNW	2.6	.1	.8	.0	.3	.8	.0	.1	9.8	2.0	5.8	.1	.0	78.7
NW	3.1	.5	.5	.2	.0	1.1	.0	.0	8.5	1.2	5.9	.1	.0	81.6
NNW	5.5	.3	1.0	.3	.3	2.3	.0	.0	11.0	1.6	5.7	.6	.0	75.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	6.3	.5	1.8	.3	.1	.9	.0	.0	18.3	5.5	17.2	.0	.2	55.1
TOTALS	811	54	153	25	23	150	0	1	1521	252	1107	17	2	6972
% TOTAL	7.8	.5	1.5	.2	.2	1.4	.0	.0*	14.6	2.4	10.6	.2	.0*	67.1

TOTAL NUMBER OF OBSERVATIONS : 10396

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
MONTH : ANN

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	FREEZE RAIN	SLEET " SHOWERS	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING DUST	NO WEATHER
N	8.1	1.9	2.9	.5	.4	2.8	.0*	.4	16.7	1.8	15.7	.5	.0	60.0
NNE	8.7	1.7	3.6	.4	.3	2.2	.0	.5	16.4	1.7	16.8	.5	.0	60.0
NE	9.6	1.8	3.2	.2	.3	1.7	.0	.4	14.4	2.2	15.5	.2	.0*	61.9
ENE	11.7	2.2	3.2	.3	.3	1.7	.0	.6	18.1	2.2	18.0	.1	.0	57.0
E	11.9	2.7	2.7	.1	.1	.9	.0	.7	19.5	2.7	19.7	.0	.0	53.2
ESE	8.8	2.6	1.7	.0*	.1	.5	.0	.7	14.4	2.7	23.4	.0	.0*	56.3
SE	5.4	2.1	1.0	.0	.0	.3	.0	.8	11.0	2.6	22.8	.0	.0	61.0
SSE	6.0	2.5	.9	.1	.0*	.2	.0	.8	10.5	2.4	23.3	.0*	.0	60.9
S	4.7	2.5	.4	.0*	.4	.3	.0	.9	7.4	2.5	20.2	.0	.0	67.1
SSW	3.6	2.9	.5	.1	.0*	.2	.0	.8	5.9	2.5	19.3	.0	.0	68.6
SW	3.1	2.2	.3	.0	.0*	.2	.0	.6	4.8	2.4	18.4	.0	.0	71.4
WSW	2.4	2.2	.4	.0	.0	.2	.0*	.9	6.2	2.7	20.2	.0*	.0	67.3
W	2.3	1.7	.5	.0*	.0*	.4	.0	.7	7.2	3.7	16.9	.1	.0	70.2
WNW	1.8	1.6	.6	.0*	.0*	.6	.0	.5	6.8	2.6	13.5	.3	.0*	75.1
NW	2.9	1.6	.8	.1	.1	.8	.0	.4	7.5	2.2	10.0	.2	.0*	76.9
NNW	4.3	1.9	1.4	.2	.1	1.4	.0*	.5	9.4	1.9	10.0	.3	.0	73.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	3.4	1.5	1.3	.1	.0*	.4	.0	.5	14.2	9.3	21.5	.0	.1	56.0
TOTALS	6284	2491	1620	136	119	1011	3	767	12840	3680	21458	164	13	80171
% TOTAL	5.1	2.0	1.3	.1	.1	.8	.0*	.6	10.5	3.0	17.6	.1	.0*	65.6

TOTAL NUMBER OF OBSERVATIONS : 122163

NOTES :
* = PERCENT < .05

15 - MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURE (DEG F)
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	34.0	35.0	41.8	51.2	60.2	68.5	73.4	72.5	67.0	56.9	47.2	37.9	54.0
S.D.	10.234	9.444	9.068	8.137	6.963	5.867	4.427	4.587	6.521	7.695	9.079	9.667	16.064
TOT OBS	1271	1158	1302	1260	1302	1260	1301	1302	1260	1302	1259	1297	15274
MEAN	33.1	33.9	40.7	49.8	58.8	67.1	72.0	71.3	65.8	55.7	46.1	37.0	52.8
S.D.	10.401	9.673	9.173	8.118	6.956	5.809	4.404	4.535	6.521	7.794	9.159	9.778	15.983
TOT OBS	1271	1158	1302	1260	1302	1260	1302	1302	1259	1302	1259	1297	15274
MEAN	32.6	33.1	40.7	51.5	61.6	70.4	74.8	73.3	67.0	55.8	45.4	36.4	53.7
S.D.	10.570	9.832	9.238	7.774	6.696	5.584	4.069	4.272	6.303	7.805	9.157	9.994	17.064
TOT OBS	1268	1158	1302	1260	1302	1260	1302	1302	1258	1302	1259	1299	15272
MEAN	36.9	38.7	47.0	57.9	67.4	76.2	80.4	79.3	73.3	62.7	51.7	41.3	59.6
S.D.	10.193	10.058	10.063	9.127	7.964	6.620	5.157	5.304	7.133	7.672	8.800	9.562	17.507
TOT OBS	1270	1158	1302	1259	1302	1260	1302	1301	1259	1302	1259	1300	15274
MEAN	40.4	42.4	50.3	60.9	70.2	79.0	83.3	82.3	76.3	66.0	55.1	44.6	62.7
S.D.	10.707	10.567	10.691	9.645	8.419	7.268	5.729	5.816	7.567	8.245	9.392	10.027	17.576
TOT OBS	1271	1158	1302	1260	1302	1260	1302	1302	1260	1302	1259	1300	15278
MEAN	39.7	42.2	50.4	60.9	70.1	78.7	83.1	81.9	75.7	65.0	53.7	43.3	62.2
S.D.	10.298	10.068	10.132	9.394	8.283	7.178	5.741	5.620	7.250	7.857	8.954	9.327	17.498
TOT OBS	1271	1158	1302	1260	1302	1260	1302	1302	1260	1300	1259	1300	15276
MEAN	36.0	37.8	45.7	56.1	65.4	74.4	78.8	76.9	70.3	59.5	49.2	39.7	57.7
S.D.	9.722	9.073	8.743	8.200	7.078	6.185	4.769	4.842	6.645	7.482	8.647	9.199	16.895
TOT OBS	1271	1157	1302	1259	1302	1260	1301	1302	1259	1302	1259	1297	15271
MEAN	34.8	36.2	43.5	51.3	62.2	70.4	75.0	74.0	68.2	57.9	47.9	38.7	55.4
S.D.	10.064	9.202	8.854	8.119	7.040	5.968	4.502	4.521	6.515	7.624	9.041	9.507	16.223
TOT OBS	1271	1156	1302	1258	1301	1260	1302	1302	1259	1302	1259	1297	15269
MEAN	35.9	37.4	45.0	55.2	64.5	73.1	77.6	76.4	70.5	60.0	49.5	39.9	57.3
S.D.	10.629	10.292	10.221	9.525	8.534	7.666	6.397	6.399	7.843	8.670	9.634	10.020	17.256
TOT OBS	10164	9261	10416	10076	10415	10080	10414	10415	10074	10414	10072	10387	122188

16 - MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURE (DEG F)
(FROM HOURLY OBSERVATIONS)013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	31.3	32.0	38.1	46.7	56.0	64.3	69.0	68.5	63.0	53.2	43.6	34.8	50.2
01 S.D.	10.066	9.132	8.685	7.826	7.028	6.096	4.688	4.951	7.074	8.312	9.319	9.656	15.702
TOT OBS	1269	1155	1301	1260	1302	1260	1301	1302	1255	1302	1259	1297	15263
MEAN	30.6	31.3	37.3	45.8	55.1	63.4	68.2	67.8	62.4	52.5	42.8	34.2	49.4
04 S.D.	10.280	9.444	8.968	8.057	7.262	6.149	4.737	4.992	7.130	8.469	9.433	9.774	15.776
TOT OBS	1270	1155	1302	1260	1301	1260	1302	1302	1251	1301	1259	1296	15259
MEAN	30.2	30.6	37.4	47.2	57.0	65.4	69.8	69.1	63.4	52.7	42.4	33.8	50.1
07 S.D.	10.445	9.679	9.164	7.827	7.079	5.909	4.553	4.836	6.553	8.460	9.442	9.969	16.472
TOT OBS	1265	1155	1302	1260	1301	1260	1302	1302	1249	1302	1257	1299	15254
MEAN	33.3	34.5	41.2	50.2	59.4	67.5	71.6	71.1	65.7	56.1	46.2	37.2	53.0
10 S.D.	9.976	9.499	9.102	8.027	7.294	6.030	4.710	5.019	6.969	8.086	8.822	9.427	15.832
TOT OBS	1270	1156	1302	1259	1302	1260	1302	1301	1256	1301	1258	1299	15266
MEAN	35.4	36.7	43.0	51.6	60.6	68.2	72.3	71.8	66.5	57.3	47.8	39.1	54.3
13 S.D.	9.802	9.267	8.896	7.830	7.149	6.099	4.830	5.049	6.953	7.954	8.892	9.267	15.322
TOT OBS	1271	1156	1302	1260	1302	1260	1302	1302	1257	1301	1258	1300	15271
MEAN	35.0	36.6	43.1	51.6	60.5	68.1	72.1	71.5	66.2	56.9	47.1	38.2	54.1
16 S.D.	9.459	8.787	8.366	7.563	7.038	5.987	4.802	4.912	6.899	7.877	8.734	8.865	15.254
TOT OBS	1271	1157	1302	1260	1302	1260	1302	1301	1258	1300	1259	1300	15272
MEAN	32.6	34.0	40.5	49.3	58.6	66.7	70.8	69.9	64.2	54.5	44.6	36.1	52.0
19 S.D.	9.485	8.644	8.194	7.381	6.780	6.025	4.664	5.016	7.009	8.134	8.928	9.171	15.583
TOT OBS	1270	1153	1302	1258	1302	1260	1299	1302	1256	1302	1258	1295	15257
MEAN	31.8	33.0	39.3	48.0	57.2	65.2	69.6	69.1	63.5	53.7	43.8	35.4	51.0
22 S.D.	9.879	8.870	8.514	7.691	6.918	6.151	4.831	4.952	6.992	8.199	9.211	9.436	15.620
TOT OBS	1270	1153	1302	1257	1301	1260	1300	1302	1254	1302	1258	1296	15255
MEAN	32.5	33.6	40.0	48.8	56.1	66.1	70.4	69.8	64.4	54.6	44.8	36.1	51.8
ALL S.D.	10.088	9.418	9.010	8.048	7.322	6.286	4.928	5.151	7.142	8.383	9.295	9.618	15.797
TOT OBS	10156	9240	10415	10074	10413	10080	10410	10414	10036	10411	10066	10382	122097

17 - MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURE (DEG F)
(FROM HOURLY OBSERVATIONS)Q13721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	25.5	26.1	32.4	41.6	52.6	61.6	66.7	66.4	60.4	49.7	38.9	29.2	46.1
S.D.	13.039	12.110	11.365	10.109	8.820	7.382	5.787	6.045	8.537	10.405	11.684	12.580	18.051
TOT OBS	1269	1155	1301	1260	1302	1260	1301	1302	1255	1302	1259	1297	15263
MEAN	25.1	25.6	31.9	41.3	51.9	61.1	66.2	65.8	60.2	49.3	38.5	28.9	45.7
S.D.	13.183	12.302	11.591	10.245	9.083	7.361	5.800	6.077	8.524	10.474	11.660	12.510	18.078
TOT OBS	1270	1155	1302	1260	1301	1260	1302	1302	1251	1301	1259	1297	15260
MEAN	24.8	25.1	32.2	42.5	53.3	62.5	67.3	66.9	60.9	49.6	38.3	28.7	46.2
S.D.	13.226	12.543	11.811	10.211	9.153	7.266	5.860	6.026	8.409	10.370	11.522	12.495	18.545
TOT OBS	1264	1155	1302	1260	1300	1260	1302	1302	1249	1302	1257	1299	15252
MEAN	26.3	26.8	33.2	42.3	53.5	62.7	67.3	67.0	61.0	50.5	39.8	30.5	46.9
S.D.	13.394	12.945	12.237	11.236	9.866	7.660	6.208	6.494	8.877	10.989	11.698	12.532	18.298
TOT OBS	1270	1156	1302	1259	1302	1260	1302	1301	1256	1301	1258	1299	15266
MEAN	26.7	27.2	33.4	42.4	53.6	62.2	66.9	66.5	60.5	50.1	39.5	30.6	46.8
S.D.	13.361	13.024	12.277	11.281	10.042	8.202	6.755	6.811	9.252	11.232	12.265	12.799	18.199
TOT OBS	1271	1156	1302	1260	1302	1260	1302	1302	1257	1301	1258	1300	15271
MEAN	26.5	27.3	33.4	42.3	53.4	62.2	66.6	66.3	60.4	50.1	39.4	30.2	46.7
S.D.	13.133	12.594	12.067	11.110	10.129	8.156	6.936	6.805	9.329	11.317	12.272	12.642	18.125
TOT OBS	1271	1157	1302	1260	1302	1260	1301	1301	1258	1300	1259	1300	15271
MEAN	25.9	26.8	33.0	42.1	53.4	62.1	66.7	66.2	60.3	50.0	38.9	29.8	46.4
S.D.	12.803	12.181	11.600	10.499	9.406	8.017	6.556	6.704	8.681	10.608	11.836	12.368	18.032
TOT OBS	1271	1153	1302	1259	1302	1259	1301	1302	1256	1302	1259	1296	15262
MEAN	25.6	26.7	33.0	42.2	53.4	62.0	66.8	66.5	60.5	49.8	38.7	29.5	46.4
S.D.	12.996	12.022	11.453	10.274	8.722	7.620	6.188	6.261	8.596	10.437	11.747	12.466	18.037
TOT OBS	1271	1153	1302	1258	1301	1260	1302	1302	1255	1302	1259	1297	15262
MEAN	25.8	26.5	32.8	42.1	53.1	62.0	66.8	66.5	60.5	49.9	39.0	29.7	46.4
S.D.	13.153	12.488	11.813	10.634	9.429	7.728	6.283	6.418	8.808	10.736	11.845	12.564	18.175
TOT OBS	10157	9240	10415	10076	10412	10079	10413	10414	10037	10411	10068	10385	122107

18 - MEANS AND STANDARD DEVIATIONS

SEA-LEVEL PRESSURE (MB)
(FROM HOURLY OBSERVATIONS)013721 PATUXENTI RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	1018.7	1017.9	1016.3	1015.7	1015.2	1015.1	1015.7	1016.2	1018.1	1018.8	1018.2	1019.1	1017.1
S.D.	8.994	9.445	8.315	7.681	5.791	5.066	4.329	4.128	5.402	6.780	7.949	8.745	7.242
TOT OBS	1271	1158	1302	1260	1302	1260	1301	1302	1260	1301	1259	1298	15274
MEAN	1018.7	1017.6	1015.9	1015.5	1015.1	1014.9	1015.5	1016.0	1017.8	1018.7	1018.2	1019.1	1016.9
S.D.	9.124	9.490	8.530	7.892	5.895	5.117	4.395	4.203	5.526	6.887	8.036	8.784	7.351
TOT OBS	1271	1158	1302	1260	1302	1260	1302	1302	1260	1302	1259	1298	15276
MEAN	1019.4	1018.5	1017.0	1016.7	1016.2	1015.9	1016.5	1017.0	1018.8	1019.6	1019.0	1019.9	1017.9
S.D.	9.184	9.576	8.806	8.130	6.018	5.176	4.400	4.182	5.646	7.031	8.142	8.891	7.444
TOT OBS	1271	1158	1302	1260	1302	1259	1302	1302	1260	1302	1259	1301	15278
MEAN	1020.3	1019.1	1017.3	1016.9	1016.4	1016.1	1016.8	1017.4	1019.3	1020.0	1019.6	1020.7	1018.3
S.D.	9.267	9.745	9.066	8.317	6.105	5.245	4.401	4.180	5.701	7.211	8.230	8.988	7.600
TOT OBS	1271	1158	1302	1259	1302	1260	1302	1302	1260	1302	1259	1301	15278
MEAN	1018.3	1017.5	1015.9	1015.6	1015.4	1015.3	1016.1	1016.6	1018.2	1018.5	1017.8	1018.7	1017.0
S.D.	9.236	9.702	8.967	8.207	6.109	5.193	4.403	4.138	5.643	7.269	8.128	8.916	7.487
TOT OBS	1270	1158	1302	1260	1302	1260	1301	1301	1260	1302	1259	1301	15276
MEAN	1018.0	1016.6	1014.7	1014.4	1014.3	1014.3	1015.0	1015.6	1017.2	1017.8	1017.4	1018.4	1016.1
S.D.	9.056	9.516	8.651	7.942	5.976	5.134	4.425	4.108	5.575	7.170	7.982	8.702	7.385
TOT OBS	1271	1158	1302	1260	1302	1260	1302	1302	1260	1301	1259	1301	15278
MEAN	1019.0	1017.5	1015.6	1014.9	1014.6	1014.5	1015.2	1015.7	1017.6	1018.6	1018.2	1019.2	1016.7
S.D.	8.911	9.419	8.330	7.648	5.749	4.983	4.325	4.001	5.430	6.512	7.851	8.645	7.267
TOT OBS	1271	1157	1302	1260	1302	1260	1302	1302	1259	1302	1259	1298	15274
MEAN	1019.2	1017.9	1016.4	1015.8	1015.4	1015.3	1015.9	1016.5	1018.3	1019.1	1018.5	1019.4	1017.3
S.D.	8.884	9.389	8.209	7.525	5.675	4.975	4.282	4.026	5.390	6.829	7.857	8.702	7.176
TOT OBS	1271	1157	1302	1258	1301	1260	1301	1302	1259	1302	1259	1298	15270
MEAN	1018.9	1017.8	1016.1	1015.7	1015.3	1015.2	1015.8	1016.4	1018.2	1018.9	1018.4	1019.3	1017.2
S.D.	9.104	9.557	8.644	7.958	5.954	5.141	4.406	4.161	5.573	7.040	8.045	8.819	7.397
TOT OBS	10167	9262	10416	10077	10415	10079	10413	10415	10415	10414	10072	10396	122204

19 - MEANS AND STANDARD DEVIATIONS

STATION PRESSURE (INCHES OF HG)
(FROM HOURLY OBSERVATIONS)013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	30.043	30.013	29.969	29.951	29.939	29.936	29.951	29.968	30.019	30.040	30.023	30.052	29.991
S.D.	.260	.276	.240	.223	.167	.145	.124	.118	.155	.198	.231	.257	.209
TOT OBS	1209	1130	1240	1230	1271	1230	1270	1302	1230	1240	1199	1235	14786
MEAN	30.041	30.005	29.958	29.946	29.935	29.932	29.947	29.961	30.013	30.034	30.021	30.052	29.986
S.D.	.264	.277	.245	.230	.172	.147	.126	.120	.158	.201	.233	.257	.213
TOT OBS	1208	1130	1240	1230	1271	1230	1271	1302	1230	1240	1199	1235	14786
MEAN	30.061	30.031	29.989	29.981	29.968	29.959	29.975	29.990	30.042	30.061	30.045	30.073	30.014
S.D.	.267	.279	.254	.237	.173	.149	.127	.120	.162	.206	.236	.259	.215
TOT OBS	1209	1130	1240	1230	1271	1230	1271	1302	1230	1240	1199	1238	14790
MEAN	30.091	30.048	29.997	29.985	29.973	29.964	29.983	30.000	30.054	30.074	30.061	30.097	30.027
S.D.	.269	.284	.261	.243	.176	.151	.127	.124	.165	.211	.240	.263	.220
TOT OBS	1209	1130	1240	1229	1271	1230	1271	1302	1229	1240	1199	1238	14788
MEAN	30.031	30.002	29.956	29.948	29.945	29.943	29.964	29.978	30.025	30.031	30.011	30.040	29.989
S.D.	.267	.282	.259	.240	.176	.149	.127	.119	.163	.212	.236	.261	.217
TOT OBS	1208	1130	1240	1230	1271	1230	1271	1302	1229	1240	1199	1238	14788
MEAN	30.023	29.976	29.923	29.913	29.912	29.915	29.933	29.948	29.994	30.010	29.997	30.031	29.964
S.D.	.261	.277	.251	.231	.172	.148	.127	.118	.161	.210	.234	.255	.214
TOT OBS	1209	1129	1240	1230	1271	1230	1271	1302	1230	1239	1199	1238	14788
MEAN	30.051	30.003	29.947	29.929	29.921	29.920	29.937	29.954	30.006	30.032	30.023	30.053	29.981
S.D.	.257	.275	.241	.223	.166	.144	.124	.114	.157	.202	.228	.253	.210
TOT OBS	1208	1129	1239	1229	1271	1230	1270	1302	1229	1240	1198	1234	14779
MEAN	30.055	30.014	29.971	29.956	29.946	29.943	29.959	29.975	30.026	30.046	30.032	30.058	29.998
S.D.	.258	.274	.237	.219	.163	.143	.123	.115	.156	.200	.228	.255	.208
TOT OBS	1209	1129	1240	1228	1270	1230	1270	1301	1228	1240	1198	1234	14777
MEAN	30.050	30.011	29.964	29.951	29.942	29.939	29.956	29.972	30.022	30.041	30.027	30.057	29.994
S.D.	.264	.279	.250	.232	.172	.148	.127	.120	.160	.206	.234	.258	.214
TOT OBS	9669	9037	9919	9836	10167	9840	10165	10415	9835	9919	9590	9890	118282

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

PERCENT OF HOURS WITH
CEILING LESS THAN 5000 FEET & VISIBILITY LESS THAN 5.00 MILES

HOUR (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	# YRS
01	31	32	27	24	28	26	24	26	27	28	28	28	27	42
04	32	32	31	27	29	30	28	31	29	32	30	30	30	42
07	36	35	36	29	34	32	35	37	36	37	37	33	35	42
10	33	31	32	28	32	29	32	34	32	32	32	31	32	42
13	30	30	35	30	32	30	33	34	30	32	31	32	32	42
16	31	31	32	29	27	26	29	30	26	28	27	30	29	42
19	30	30	28	24	27	24	27	29	27	26	26	28	27	42
22	29	30	26	23	25	24	25	25	26	26	27	29	26	42
ALL	32	31	31	27	29	28	29	31	29	30	30	30	30	42

PERCENT OF HOURS WITH
CEILING LESS THAN 3000 FEET & VISIBILITY LESS THAN 3.00 MILES

HOUR (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	# YRS
01	23	23	20	15	17	13	10	11	16	17	17	19	17	42
04	23	23	22	18	20	15	12	14	18	22	20	19	19	42
07	25	26	24	20	25	20	19	21	23	25	24	22	23	42
10	23	23	21	19	22	15	18	20	21	21	20	21	21	42
13	21	21	21	17	19	15	15	17	18	19	19	22	19	42
16	21	22	19	14	14	11	11	12	13	15	15	20	16	42
19	21	20	18	13	13	12	11	12	15	14	14	18	15	42
22	21	22	19	15	15	13	10	10	14	15	16	18	15	42
ALL	22	23	20	16	18	15	13	15	17	18	18	20	18	42

PERCENT OF HOURS WITH
CEILING LESS THAN 1000 FEET & VISIBILITY LESS THAN 3.00 MILES

HOUR (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	# YRS
01	17	16	13	10	11	6	5	6	9	11	10	12	10	42
04	16	18	15	13	13	8	7	7	10	14	13	13	12	42
07	18	20	18	15	17	13	12	13	15	17	16	15	16	42
10	16	18	14	12	11	8	7	7	9	11	13	14	12	42
13	14	15	12	7	7	5	4	4	6	8	5	14	9	42
16	14	14	12	7	7	4	4	4	5	7	8	14	8	42
19	13	15	12	8	8	6	5	5	6	6	8	12	9	42
22	15	15	13	8	8	5	4	4	7	8	10	12	9	42
ALL	16	16	14	10	10	7	6	6	8	10	11	13	11	42

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

PERCENT OF HOURS WITH
CEILING LESS THAN 400 FEET & VISIBILITY LESS THAN 1 MILES

HOURL (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	# YRS
01	8	9	6	4	3	1	0*	0*	1	3	4	5	4	42
04	8	10	7	5	4	1	0*	1	1	5	5	6	5	42
07	9	10	8	5	4	2	1	1	2	6	6	6	5	42
10	6	7	6	3	1	1	0*	0*	1	4	4	6	3	42
13	6	6	4	2	1	0*	0*	0*	0*	1	2	5	2	42
16	6	6	4	2	1	0*	0*	0*	0*	1	2	5	2	42
19	5	7	4	2	1	1	0*	0*	1	1	3	5	3	42
22	7	8	5	3	2	0*	0	0*	1	2	3	6	3	42
ALL	7	8	6	3	2	1	0*	0*	1	3	3	6	3	42

PERCENT OF HOURS WITH
CEILING LESS THAN 100 FEET & VISIBILITY LESS THAN 1/4 MILES

HOURL (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	# YRS
01	2	2	2	1	1	0	0	0	0*	1	1	1	1	42
04	3	4	3	1	1	0*	0	0*	0*	2	2	2	1	42
07	2	4	3	2	1	0	0*	0	0*	2	2	1	2	42
10	1	2	1	0*	0*	0	0*	0	0	1	1	1	1	42
13	1	1	0*	0*	0	0	0	0	0	0	0*	1	0*	42
16	1	1	1	0*	0	0	0	0	0*	0	0*	1	0*	42
19	1	2	1	0*	0	0*	0	0	0*	0	1	1	1	42
22	2	2	1	1	0*	0	0	0*	0*	1	1	2	1	42
ALL	2	2	1	1	0*	0*	0*	0*	0*	1	1	1	1	42

NOTE :

* = VALUE > 0 AND < 0.5 PERCENT

5 - DAILY TEMPERATURES

ELEMENT TYPE : MAXIMUM TEMPERATURE

013721 PATUMENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

TEMP (DEG F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
>=100	.0	.0	.0	.0	.0	.1	.4	.1	.0	.0	.0	.0	.0*
>= 95	.0	.0	.0	.0	.1	2.1	5.6	3.5	.9	.0	.0	.0	1.0
>= 90	.0	.0	.0	.5	2.0	13.0	23.6	18.4	5.5	.5	.0	.0	5.3
>= 85	.0	.0	.2	2.7	9.3	33.2	56.1	49.2	20.7	2.0	.1	.0	14.6
>= 80	.0	.2	1.8	8.9	23.7	60.0	86.2	77.7	44.2	7.9	.8	.0	26.2
>= 75	.3	1.0	4.5	16.4	43.0	84.6	98.2	96.2	69.8	20.0	3.4	.4	36.8
>= 70	1.7	2.4	9.1	27.7	64.7	95.1	99.8	99.5	87.9	42.7	10.7	2.5	45.7
>= 65	4.6	5.0	16.9	43.7	83.6	99.0	100.0	100.0	96.2	65.0	22.6	6.4	54.0
>= 60	9.6	11.2	28.5	65.0	95.1	99.8	100.0	100.0	99.4	85.3	40.9	13.8	62.8
>= 55	17.3	20.3	42.5	84.8	99.4	100.0	100.0	100.0	99.9	95.6	60.3	24.8	70.9
>= 50	27.2	34.0	62.0	95.6	100.0	100.0	100.0	100.0	100.0	98.9	79.3	38.9	78.4
>= 45	41.3	49.8	79.4	99.1	100.0	100.0	100.0	100.0	100.0	99.9	91.3	58.5	85.2
>= 40	62.8	69.0	92.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	98.3	77.8	91.9
>= 35	78.3	86.1	97.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.5	89.0	95.9
>= 30	91.2	94.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.8	98.6
>= 25	97.2	98.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.7	99.6
>= 20	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9
>= 15	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

MEAN 43.5 45.6 53.7 64.2 73.0 81.3 85.5 84.2 78.2 67.9 57.4 47.4 65.3
 S.D. 11.140 10.781 10.936 9.787 8.297 6.922 5.501 5.654 7.367 8.041 9.355 10.373 17.234
 TOT. OBS. 1270 1147 1302 1260 1302 1260 1292 1302 1260 1301 1258 1299 15253

NOTES :

* = PERCENT < .05

6 - DAILY TEMPERATURES

ELEMENT TYPE : MINIMUM TEMPERATURE

013721 PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

TEMP (DEG F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
>= 80	.0	.0	.0	.0	.0	.2	.3	.1	.0	.0	.0	.0	.0*
>= 75	.0	.0	.0	.0	.0	2.5	15.4	10.8	2.9	.1	.0	.0	2.7
>= 70	.0	.0	.0	.0	1.3	25.4	58.9	55.4	21.1	1.3	.2	.0	13.8
>= 65	.0	.0	.2	.6	11.7	55.2	89.8	85.3	46.1	5.8	.2	.0	24.8
>= 60	.2	.0	.5	4.5	35.0	82.5	98.8	97.3	72.1	20.3	2.3	.0	34.8
>= 55	.6	.3	1.8	13.8	61.3	96.9	100.0	99.5	91.3	41.6	8.6	.5	43.4
>= 50	1.1	1.1	5.7	32.5	82.5	99.8	100.0	100.0	98.0	65.0	18.7	2.0	51.0
>= 45	3.1	3.9	16.1	60.6	96.4	100.0	100.0	100.0	100.0	83.9	36.8	8.2	59.6
>= 40	9.8	11.8	36.4	83.9	99.7	100.0	100.0	100.0	100.0	95.2	59.3	21.2	68.6
>= 35	24.7	28.6	61.4	96.1	100.0	100.0	100.0	100.0	100.0	99.2	81.7	40.0	78.1
>= 30	49.9	52.8	85.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	93.6	64.0	87.4
>= 25	69.3	74.6	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.3	83.8	93.6
>= 20	84.4	88.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	94.5	97.3
>= 15	93.0	96.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.7	99.0
>= 10	98.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	99.8
>= 5	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9
>= 0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= -5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MEAN	28.6	29.8	37.1	46.5	56.4	65.0	70.1	69.4	63.5	52.6	42.0	32.6	49.7
S.D.	9.122	8.394	7.796	7.161	6.637	5.672	4.294	4.487	6.502	7.795	8.512	8.352	16.462
TOT. OBS.	1270	1147	1302	1260	1302	1260	1292	1302	1259	1301	1258	1299	15252

NOTES :
 * = PERCENT < .05

7 - DAILY TEMPERATURES

ELEMENT TYPE : MEAN TEMPERATURE

013721 PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

TEMP (DEG F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
>= 90	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0*
>= 85	.0	.0	.0	.0	.0	1.5	7.5	3.9	1.0	.0	.0	.0	1.2
>= 80	.0	.0	.0	.0	1.2	16.8	39.3	32.0	9.8	.6	.0	.0	8.4
>= 75	.0	.0	.2	.9	8.4	44.5	76.9	70.8	31.7	2.8	.2	.0	19.9
>= 70	.1	.0	.9	5.8	27.0	73.5	97.4	94.2	60.1	11.0	1.2	.0	31.2
>= 65	.3	.3	2.3	14.8	52.1	93.5	100.0	99.5	83.6	29.2	4.3	.4	40.4
>= 60	1.2	1.4	7.4	29.1	77.4	99.3	100.0	100.0	96.2	56.6	13.7	2.2	49.1
>= 55	3.7	3.7	16.4	52.9	92.9	100.0	100.0	100.0	99.6	78.9	30.4	6.2	57.5
>= 50	9.2	10.3	29.5	77.1	99.5	100.0	100.0	100.0	100.0	92.9	49.4	15.4	65.8
>= 45	19.0	22.8	52.5	93.6	100.0	100.0	100.0	100.0	100.0	98.7	73.0	30.4	74.6
>= 40	34.8	42.3	76.3	99.1	100.0	100.0	100.0	100.0	100.0	99.9	89.9	51.7	83.2
>= 35	57.9	65.0	91.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	97.5	74.3	90.7
>= 30	76.1	83.1	97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.4	88.3	95.4
>= 25	89.1	93.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.7	98.3
>= 20	96.1	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.7	99.5
>= 15	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9
>= 10	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MEAN	36.3	38.0	45.6	55.6	64.9	73.4	78.1	77.1	71.1	60.5	49.9	40.3	57.7
S.D.	9.648	9.040	8.858	7.895	6.936	5.852	4.439	4.610	6.464	7.366	8.430	8.907	16.594
TOT. OBS.	1270	1147	1302	1260	1302	1260	1292	1302	1259	1301	1258	1299	15252

NOTES :
 * = PERCENT < .05

8 - DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION

(FROM DAILY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT

PERCENT TOTAL TOTAL PRECIPITATION
OF DAYS NO.
WITH OF
(INCHES)

INCHES

MEAN HI LOW

	NONE	TRACE	.01	<=.05	<=.10	<=.25	<=.50	<=1.0	<=2.5	<=5.0	<=10.0	<=20.0	>20.0	>= .01				
JAN	52.0	13.9	2.2	6.2	4.8	7.1	8.0	4.2	1.6	.0	.0	.0	.0	34.1	1268	.31	6.17	.45
FEB	54.5	11.9	2.1	6.1	3.8	7.6	7.0	5.1	1.7	.1	.0	.0	.0	33.6	1146	.29	7.02	.32
MAR	51.2	15.1	2.5	5.8	4.4	6.7	6.0	5.7	2.5	.1	.0	.0	.0	33.7	1302	.36	10.16	.63
APR	52.0	13.9	3.0	7.1	4.5	6.7	6.7	4.2	1.8	.1	.0	.0	.0	34.1	1260	.30	8.23	.42
MAY	50.9	12.8	2.8	6.9	4.4	6.8	7.5	5.2	2.5	.2	.0	.0	.0	36.3	1302	.40	10.99	.49
JUN	56.1	12.6	2.2	6.5	4.3	5.5	5.0	4.9	2.7	.2	.1	.0	.0	31.3	1257	.34	7.39	.22
JUL	53.7	13.5	2.2	6.2	3.8	6.7	5.4	4.6	3.5	.4	.0	.0	.0	32.7	1292	.41	15.51	.83
AUG	58.4	12.2	2.0	5.4	3.1	6.2	5.2	3.6	2.7	1.1	.1	.0	.0	29.4	1302	.43	11.10	.61
SEP	64.0	11.0	2.0	4.2	2.7	5.6	3.7	3.8	2.5	.5	.0	.0	.0	24.9	1259	.32	7.99	.09
OCT	65.6	11.1	1.4	4.8	2.5	4.5	4.0	3.4	2.4	.3	.0	.0	.0	23.3	1302	.30	6.61	.007
NOV	58.9	11.7	2.0	5.8	3.3	6.0	4.5	5.1	2.4	.3	.0	.0	.0	29.4	1257	.34	7.95	.31
DEC	57.6	12.9	2.0	5.2	3.2	6.0	5.4	5.9	1.8	.2	.0	.0	.0	29.6	1299	.33	7.12	.47
ANN	56.3	12.7	2.2	5.9	3.7	6.3	5.7	4.6	2.4	.3	.0*	.0	.0	31.0	15246	4.13	60.80	28.25

NOTES :

.001, .0 OR 0.1 = ZERO PRECIPITATION .SNOWFALL OR SNOW DEPTH MEASURED BUT A TRACE WAS NOTED

* = PERCENT < .05

ANNUAL HI AND LOW VALUES ARE DERIVED FROM ANNUAL TOTALS.

PERCENTAGE FREQUENCY OF
SNOW FALL

(FROM DAILY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT

INCHES																	
PERCENT TOTAL OF DAYS NO. WITH OF												TOTAL PRECIPITATION (INCHES)					
AMOUNTS												OBS	MEAN		HI	LOW	
NONE		TRACE	.1-.4	.5-1.4	<=2.4	<=3.4	<=4.4	<= 6.4	<=10.4	<=15.4	<=25.4	<=50.4	>50.4				
JAN	79.8	12.1	1.9	2.4	1.7	.6	.4	.7	.3	.1	.0	.0	>.1	1268	5.0	29.0	.0
FEB	84.1	8.9	.8	2.5	1.2	.9	.6	.3	.4	.2	.0	.0	8.0	1145	4.9	32.3	.0
MAR	91.2	5.8	.5	.8	.5	.3	.2	.4	.3	.0	.0	.0	7.0	1301	2.5	22.0	.0
APR	98.4	1.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	1230	.07	.3	.0
MAY	99.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1302	.07	.07	.0
JUN	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1260	.0	.0	.0
JUL	99.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1291	.07	.07	.0
AUG	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1300	.0	.0	.0
SEP	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1260	.0	.0	.0
OCT	99.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1301	.07	.1	.0
NOV	97.3	1.9	.6	.2	.0	.0	.0	.0	.1	.0	.0	.0	.8	1258	.3	7.1	.0
DEC	89.7	6.8	.5	1.3	.8	.2	.2	.2	.2	.0	.0	.0	3.5	1297	2.1	13.0	.0
ANN	95.1	3.1	.4	.6	.3	.2	.1	.1	.1	.0*	.0	.0	1.8	15213	14.8	48.0	1.0

NOTES :

.007, .0 OR 0.1 = ZERO PRECIPITATION, SNOWFALL OR SNOW DEPTH MEASURED BUT A TRACE WAS NOTED

* = PERCENT < .05

ANNUAL HI AND LOW VALUES ARE DERIVED FROM ANNUAL TOTALS.

10 - DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH

(FROM DAILY OBSERVATIONS)

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT

Q13721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

														TOTAL PRECIPITATION (INCHES)		
														PERCENT OF DAYS WITH AMOUNTS	TOTAL NO. OF OBS	MEAN HI LOW
														INCHES		
														>= 1		
														> 120		
														60-120		
														49-60		
														37-48		
														25-36		
														13-24		
														7-12		
														4-6		
														3		
														2		
														1		
														TRACE		
														NONE		
JAN	76.9	9.2	4.4	3.0	2.2	3.0	3.0	1.1	.1	.1	.0	.0	.0	.0	.0	.0
FEB	78.4	7.6	4.4	2.4	1.3	3.0	3.0	1.6	.7	.6	.0	.0	.0	.0	.0	.0
MAR	92.2	3.1	.6	.7	1.2	1.4	1.4	.8	.0	.0	.0	.0	.0	.0	.0	.0
APR	99.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MAY	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
JUN	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
JUL	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
AUG	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SEP	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
OCT	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NOV	99.5	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
DEC	91.2	3.3	1.4	1.4	.9	1.4	1.4	.4	.0	.0	.0	.0	.0	.0	5.5	11.0
ANN	94.9	2.0	.9	.6	.5	.7	.7	.3	.1	.1	.0	.0	.0	.0	3.1	31.0

NOTES :

.00T, .0 OR 0.1 = ZERO PRECIPITATION .SNOWFALL OR SNOW DEPTH MEASURED BUT A TRACE WAS NOTED

* = PERCENT < .05

ANNUAL HI AND LOW VALUES ARE DERIVED FROM ANNUAL TOTALS.

013721 PATUXENT RIVER, MD

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

MONTH : JAN

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	1.72	44	5.30	135	2.	51
2	1.37	35	.70	18	5.	127
3	.88	22	T	1	4.	102
4	.74	19	1.10	28	1.	25
5	.53	13	4.80	122	1.	25
6	2.14	54	2.90	74	6.	152
7	.85	22	6.30	160	6.	152
8	.60	15	2.00	51	4.	102
9	.81	21	2.00	51	3.	76
10	1.67	42	4.10	104	4.	102
11	.81	21	4.00	102	4.	102
12	.88	22	1.00	25	4.	102
13	2.00	51	5.40	137	4.	102
14	1.68	43	6.90	175	10.	254
15	.50	13	3.90	99	7.	178
16	.52	13	5.20	132	7.	178
17	1.72	44	2.80	71	8.	203
18	1.12	28	2.00	51	8.	203
19	.64	16	5.00	127	7.	178
20	1.07	27	3.70	94	7.	178
21	1.64	42	.30	8	4.	102
22	1.40	36	11.20	284	4.	102
23	.65	17	.60	15	10.	254
24	.87	22	5.50	140	10.	254
25	.92	23	.80	20	7.	178
26	1.25	32	9.00	229	5.	127
27	1.73	44	3.00	76	12.	305
28	1.31	33	4.30	109	10.	254
29	.80	20	8.00	203	10.	254
30	.90	23	9.00	229	22.	559
31	.68	17	2.10	53	27.	686
MONTH	2.14	54	11.20	284	27.	686

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

013721 PATUXENT RIVER, MD

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1905-1986

MONTH : FEB

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	1.12	28 1985	4.00	102 1962	27.	686 1966
2	1.70	44 1973	5.50	140 1972	29.	737 1966
3	.92	23 1952	4.00	102 1961	31.	787 1966
4	.92	23 1952	3.00	76 1975	22.	559 1966
5	.81	21 1960	.80	20 1984	15.	381 1966
6	.66	17 1964	5.70	145 1978	13.	330 1966
7	1.15	29 1971	6.00	152 1979	13.	330 1966
8	1.75	44 1961	4.20	107 1974	8.	203 1966
9	.65	17 1970	3.00	76 1967	5.	127 1979
10	.45	11 1949	2.00	51 1967	9.	229 1967
11	1.52	39 1983	14.20	361 1983	6.	152 1967
12	1.24	31 1985	4.00	102 1979	13.	330 1983
13	1.25	32 1971	5.40	137 1960	12.	305 1983
14	1.31	33 1984	3.70	94 1965	10.	254 1983
15	1.44	37 1953	.80	20 1986	9.	229 1983
16	.46	12 1982+	.70	18 1962	7.	178 1983
17	1.15	29 1982	7.50	191 1967	6.	152 1979
18	1.09	28 1960	9.00	229 1979	9.	229 1967
19	1.21	31 1972	11.70	297 1979	23.	584 1979
20	1.12	28 1981	2.80	71 1969	27.	686 1979
21	2.09	53 1954	.10	3 1960	26.	660 1979
22	.80	20 1971	3.30	84 1948	14.	356 1979
23	1.18	30 1969	.70	18 1972	6.	152 1979
24	3.06	78 1979	3.30	84 1986	3.	76 1979
25	1.02	26 1979	1.30	33 1950	10.	254 1950
26	.75	19 1985	1.50	38 1952	30.	762 1950
27	1.14	29 1958	6.60	168 1982	10.	254 1950
28	.97	25 1966	6.90	175 1964	7.	178 1982
29						
30						
31						
MONTH	3.06	78 1979	14.20	361 1983	31.	787 1966

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

013721 PATUXENT RIVER. MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

MONTH : MAR

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	1.02	26	5.60	142	5.	127
2	.90	23	6.30	160	6.	152
3	.94	24	9.40	239	7.	178
4	1.05	27	.30	8	8.	203
5	1.39	35	2.20	56	8.	203
6	1.24	31	2.30	58	8.	203
7	1.19	30	3.20	81	8.	203
8	1.08	27	7.00	178	8.	203
9	.90	23	2.40	61	5.	127
10	1.26	32	3.80	97	9.	229
11	.83	21	.10	3	10.	254
12	1.33	34	T	T	8.	203
13	2.66	68	T	T	4.	102
14	.77	20	T	T	4.	102
15	.81	21	T	T	3.	76
16	1.19	30	5.00	127	5.	127
17	1.45	37	1.00	25	2.	51
18	1.40	36	T	T	1.	25
19	1.89	48	.30	8	1.	25
20	1.97	50	7.00	178	3.	76
21	1.73	44	2.00	51	3.	76
22	1.08	27	T	T	T	T
23	.62	16	T	T	T	T
24	1.37	35	.00	0	0.	0
25	2.10	53	.00	0	0.	0
26	2.23	57	7.00	178	7.	178
27	1.05	27	.90	23	5.	127
28	1.72	44	.80	20	T	T
29	1.12	28	T	T	0.	0
30	1.41	36	3.00	76	1.	25
31	.92	23	.00	0	T	T
MONTH	2.66	68	9.40	239	10.	254

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

MONTH : APR

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	1.28	33	1981	T	T	1964
2	.75	19	1959	.00	0	1986
3	.86	22	1960	.00	0	1986
4	1.17	30	1984	T	T	1954
5	1.16	29	1981	T	T	1984
6	1.38	35	1956	T	T	1971
7	.64	16	1972	.30	8	1972
8	.98	25	1957	T	T	1972
9	.86	22	1980	T	T	1985
10	1.32	34	1983	.00	0	1986
11	.54	14	1983	T	T	1973
12	1.26	32	1947	T	T	1973
13	.41	10	1972+	T	T	1966
14	1.34	34	1970	.00	0	1986
15	2.61	66	1983	.00	0	1986
16	1.19	30	1947	.00	0	1986
17	1.42	36	1982	.00	0	1986
18	.49	12	1949	.00	0	1986
19	.68	17	1969	T	T	1983
20	.54	14	1958	.00	0	1986
21	.52	13	1958	.00	0	1986
22	1.55	39	1972	T	T	1984
23	1.07	27	1958	T	T	1986
24	1.44	37	1983	T	T	1956
25	1.93	49	1946	.00	0	1986
26	1.44	37	1978	.00	0	1986
27	.98	25	1954	.00	0	1986
28	.92	23	1966	.00	0	1986
29	.78	20	1951	.00	0	1986
30	.84	21	1963	.00	0	1986
31						

MONTH	2.61	66	1983	.30	8	1972	T	T	1982
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NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

013721 PATUXENT RIVER, MD

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

MONTH : MAY

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	.98	25	.00	0	0.	0
2	.38	10	.00	0	0.	0
3	.98	25	.00	0	0.	0
4	1.80	46	.00	0	0.	0
5	.32	8	.00	0	0.	0
6	.83	21	.00	0	0.	0
7	1.95	50	.00	0	0.	0
8	.70	18	T	1954	0.	0
9	.65	17	.00	0	0.	0
10	.26	7	.00	0	0.	0
11	1.98	50	.00	0	0.	0
12	.83	21	.00	0	0.	0
13	1.08	27	.00	0	0.	0
14	1.29	33	.00	0	0.	0
15	1.77	45	.00	0	0.	0
16	1.76	45	.00	0	0.	0
17	1.87	47	.00	0	0.	0
18	1.91	49	.00	0	0.	0
19	1.15	29	.00	0	0.	0
20	.97	25	.00	0	0.	0
21	.97	25	.00	0	0.	0
22	1.16	29	.00	0	0.	0
23	1.27	32	.00	0	0.	0
24	1.88	48	.00	0	0.	0
25	1.99	51	.00	0	0.	0
26	1.16	29	.00	0	0.	0
27	2.21	56	.00	0	0.	0
28	2.16	55	T	1985	0.	0
29	4.31	109	.00	0	0.	0
30	2.68	68	.00	0	0.	0
31	1.95	50	.00	0	0.	0
MONTH	4.31	109	T	1985	0.	0

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

013721 PATUXENT RIVER, MD

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

MONTH : JUN

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	1.14	29	1975	.00	0	0
2	1.35	34	1974	.00	0	0
3	3.06	78	1963	.00	0	0
4	1.64	42	1979	.00	0	0
5	2.39	61	1957	.00	0	0
6	1.47	37	1977	.00	0	0
7	1.29	33	1947	.00	0	0
8	1.02	26	1951	.00	0	0
9	.51	13	1958	.00	0	0
10	1.54	39	1951	.00	0	0
11	2.49	63	1945	.00	0	0
12	.85	22	1971	.00	0	0
13	1.08	27	1982*	.00	0	0
14	2.37	60	1960	.00	0	0
15	1.14	29	1965	.00	0	0
16	.90	23	1966	.00	0	0
17	1.67	42	1977	.00	0	0
18	.97	25	1958	.00	0	0
19	1.83	46	1949	.00	0	0
20	5.91	150	1983	.00	0	0
21	1.55	39	1961	.00	0	0
22	2.64	67	1972	.00	0	0
23	.54	14	1974	.00	0	0
24	2.38	60	1964	.00	0	0
25	.31	8	1955	.00	0	0
26	1.13	29	1958	.00	0	0
27	1.13	29	1956	.00	0	0
28	.88	22	1972	.00	0	0
29	1.42	36	1982	.00	0	0
30	1.02	26	1979	.00	0	0
31						
MONTH	5.91	150	1983	.00	0	0

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

* = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

013721 PATUXENT RIVER, MD

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

MONTH : JUL

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	.61	15	.00	0	0.	0
2	1.52	39	.00	0	0.	0
3	1.86	47	.00	0	0.	0
4	2.77	70	.00	0	0.	0
5	1.07	27	.00	0	0.	0
6	.71	18	.00	0	0.	0
7	.42	11	.00	0	0.	0
8	1.91	49	.00	0	0.	0
9	1.70	43	.00	0	0.	0
10	1.67	42	.00	0	0.	0
11	1.42	36	.00	0	0.	0
12	2.56	65	.00	0	0.	0
13	1.91	49	.00	0	0.	0
14	1.93	49	.00	0	0.	0
15	2.16	55	.00	0	0.	0
16	1.57	40	.00	0	0.	0
17	2.58	66	T	1980	0.	0
18	1.96	50	.00	0	0.	0
19	1.55	39	.00	0	0.	0
20	1.22	31	.00	0	0.	0
21	1.73	44	.00	0	0.	0
22	2.33	59	.00	0	0.	0
23	1.84	47	.00	0	0.	0
24	3.04	77	.00	0	0.	0
25	1.55	39	.00	0	0.	0
26	.85	22	.00	0	0.	0
27	1.62	41	.00	0	0.	0
28	1.13	29	.00	0	0.	0
29	1.42	36	.00	0	0.	0
30	4.61	117	.00	0	0.	0
31	.87	22	.00	0	0.	0
MONTH	4.61	117	T	1980	0.	0

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

* = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986

MONTH : AUG

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	3.26	83	0.00	0	0.	0
2	2.07	53	0.00	0	0.	0
3	1.25	32	0.00	0	0.	0
4	2.19	56	0.00	0	0.	0
5	1.66	42	0.00	0	0.	0
6	1.73	44	0.00	0	0.	0
7	3.71	94	0.00	0	0.	0
8	3.03	77	0.00	0	0.	0
9	1.04	26	0.00	0	0.	0
10	.53	13	0.00	0	0.	0
11	3.04	77	0.00	0	0.	0
12	4.96	126	0.00	0	0.	0
13	2.39	61	0.00	0	0.	0
14	2.98	76	0.00	0	0.	0
15	2.00	51	0.00	0	0.	0
16	1.41	36	0.00	0	0.	0
17	2.11	54	0.00	0	0.	0
18	3.09	78	0.00	0	0.	0
19	1.62	41	0.00	0	0.	0
20	5.88	149	0.00	0	0.	0
21	2.65	67	0.00	0	0.	0
22	.74	19	0.00	0	0.	0
23	.83	21	0.00	0	0.	0
24	2.54	65	0.00	0	0.	0
25	4.67	119	0.00	0	0.	0
26	2.76	70	0.00	0	0.	0
27	3.19	81	0.00	0	0.	0
28	1.08	27	0.00	0	0.	0
29	.50	13	0.00	0	0.	0
30	.80	20	0.00	0	0.	0
31	1.00	25	0.00	0	0.	0
MONTH	5.88	149	0.00	0	0.	0

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

013721 PATUXENT RIVER, MD

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

MONTH : SEP

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	.78	20	.00	0	0.	0
2	1.66	42	.00	0	0.	0
3	.99	25	.00	0	0.	0
4	.16	4	.00	0	0.	0
5	3.21	82	.00	0	0.	0
6	1.20	30	.00	0	0.	0
7	1.04	26	.00	0	0.	0
8	.51	13	.00	0	0.	0
9	2.01	51	.00	0	0.	0
10	1.69	43	.00	0	0.	0
11	1.11	28	.00	0	0.	0
12	3.89	99	.00	0	0.	0
13	.98	25	.00	0	0.	0
14	2.16	55	.00	0	0.	0
15	1.93	49	.00	0	0.	0
16	1.52	39	.00	0	0.	0
17	1.28	33	.00	0	0.	0
18	2.21	56	.00	0	0.	0
19	.97	25	.00	0	0.	0
20	.98	25	.00	0	0.	0
21	2.67	68	.00	0	0.	0
22	2.60	66	.00	0	0.	0
23	2.75	70	.00	0	0.	0
24	.78	20	.00	0	0.	0
25	.98	25	.00	0	0.	0
26	2.45	62	.00	0	0.	0
27	2.95	75	.00	0	0.	0
28	1.12	28	.00	0	0.	0
29	.81	21	.00	0	0.	0
30	1.79	45	.00	0	0.	0
31						
MONTH	3.89	99	.00	0	0.	0

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

013721 PATUXENT RIVER, MD

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

MONTH : OCT

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	1.59	40	.00	0	0.	0
2	1.52	39	.00	0	0.	0
3	1.14	29	.00	0	0.	0
4	.90	23	.00	0	0.	0
5	2.05	52	.00	0	0.	0
6	1.76	45	.00	0	0.	0
7	.77	20	.00	0	0.	0
8	.85	22	.00	0	0.	0
9	.96	24	.00	0	0.	0
10	1.29	33	.10	3	0.	0
11	.96	24	.00	0	0.	0
12	.96	24	.00	0	0.	0
13	1.00	25	.00	0	0.	0
14	1.20	30	.00	0	0.	0
15	.42	11	.00	0	0.	0
16	.71	18	.00	0	0.	0
17	1.61	41	.00	0	0.	0
18	1.33	34	.00	0	0.	0
19	3.55	90	T	1972	0.	0
20	1.46	37	.00	0	0.	0
21	3.53	90	.00	0	0.	0
22	.94	24	.00	0	0.	0
23	2.38	60	.00	0	0.	0
24	1.28	33	.00	0	0.	0
25	3.08	78	.00	0	0.	0
26	1.97	50	.00	0	0.	0
27	.40	10	.00	0	0.	0
28	2.17	55	.00	0	0.	0
29	1.39	35	.00	0	0.	0
30	1.61	41	.00	0	0.	0
31	2.63	67	.00	0	0.	0
MONTH	3.55	90	.10	3	0.	0

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

* = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986

MONTH : NOV

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	1.95	50	0.00	0	0.	0
2	4.22	107	0.00	0	0.	0
3	3.79	96	T	T	0.	0
4	1.20	30	0.00	0	0.	0
5	1.08	27	T	T	0.	0
6	2.50	64	0.30	8	0.	0
7	1.57	40	0.10	3	2.	51
8	1.34	34	T	T	0.	0
9	1.50	38	0.00	0	0.	0
10	1.07	27	0.00	0	0.	0
11	1.41	36	0.00	0	0.	0
12	2.12	54	0.70	18	T	T
13	1.21	31	0.00	0	0.	0
14	1.12	28	0.00	0	0.	0
15	1.05	27	0.00	0	0.	0
16	.62	16	T	T	0.	0
17	.69	18	T	T	0.	0
18	.73	19	0.00	0	0.	0
19	1.20	30	T	T	0.	0
20	.92	23	0.00	0	0.	0
21	2.89	73	0.00	0	0.	0
22	.98	25	T	T	0.	0
23	.91	23	0.00	0	0.	0
24	2.06	52	0.00	0	0.	0
25	1.39	35	T	T	0.	0
26	1.57	40	0.40	10	0.	0
27	.72	18	0.40	10	T	T
28	1.31	33	0.10	3	T	T
29	1.02	26	0.40	10	T	T
30	2.75	70	7.10	180	0.	0
31						
MONTH	4.22	107	7.10	180	2.	51

NOTES :
 T = TRACE AMOUNTS (.01, OR (.5, OR (.10 INCHES)
 * = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

013721 PATUXENT RIVER, MD

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

MONTH : DEC

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	.73	19 1974	T	T	1956	3.
2	1.05	27 1986	T	T	1955	2.
3	1.48	38 1948	T	T	1983	0.
4	1.10	28 1983	3.00	76	1957	0.
5	1.21	31 1945	T	T	1984	2.
6	.81	21 1959	1.00	25	1954	1.
7	.92	23 1976	T	T	1975	0.
8	.86	22 1974	1.80	46	1976	2.
9	1.30	33 1978	T	T	1981	2.
10	1.74	44 1969	T	T	1982	T
11	1.32	34 1960	4.00	102	1960	0.
12	2.95	75 1983	6.50	165	1982	6.
13	.87	22 1959	.60	15	1945	7.
14	.89	23 1953	3.60	91	1958	4.
15	1.19	30 1948*	2.00	51	1981	6.
16	1.66	42 1974	1.40	36	1973	6.
17	.68	17 1961	1.90	48	1973	5.
18	1.87	47 1977	1.50	38	1946	3.
19	.92	23 1948	6.00	152	1945	3.
20	1.40	36 1946	.70	18	1985	2.
21	.92	23 1952	6.50	165	1962	1.
22	.93	24 1969	2.00	51	1967	4.
23	.57	14 1961	3.00	76	1966	3.
24	3.18	81 1986	8.00	203	1966	5.
25	.53	13 1945	4.50	114	1962	11.
26	1.24	31 1969	1.50	38	1947	9.
27	.87	22 1964	T	T	1980	9.
28	.86	22 1983	2.00	51	1966	9.
29	1.09	28 1958	1.20	30	1976	4.
30	.98	25 1969	T	T	1977	4.
31	1.91	49 1975	6.30	160	1946	3.
MONTH	3.18	81 1986	8.00	203	1966	11.
						279 1966

NOTES :

T = TRACE AMOUNTS (<.01. OR <.5. OR < 1.0 INCHES)

* = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

PRECIPITATION (INCHES)
(FROM DAILY OBS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	T	T	T	T	T	T	T	T	T	T	T
1946	.35	.53	1.89	1.93	1.91	1.12	1.48	1.73	2.67	.47	1.12	1.40	2.67
1947	.84	.43	.65	1.26	1.56	1.29	1.18	3.19	.98	.85	3.79	1.19	3.79
1948	2.00	.43	1.19	.74	2.51	.44	1.84	2.46	.79	2.05	PART	1.48	PART
1949	1.64	.71	.97	.49	.80	1.83	1.90	3.26	PART	2.63	1.55	.39	PART
1950	.71	PART	1.08	.61	1.77	.71	.84	2.53	.98	.99	.72	1.03	PART
1951	.56	1.02	.51	.78	.92	1.54	1.14	2.25	1.93	.77	1.00	PART	MISS
1952	PART	.92	1.37	1.26	.69	.75	.93	.69	1.22	.96	PART	.92	PART
1953	.53	1.44	1.09	.55	1.07	.64	.46	3.03	.93	2.17	.97	PART	MISS
1954	1.40	2.09	.76	.98	.98	.08	.87	1.04	.47	.58	.69	.79	2.09
1955	.40	PART	1.21	.74	.77	1.37	1.53	4.96	.97	.52	1.07	.52	PART
1956	.59	.70	.77	1.38	.71	1.13	1.91	.48	.76	1.61	4.22	.88	4.22
1957	.91	.91	.91	.98	1.15	2.39	.65	1.62	1.04	1.76	.91	1.24	2.39
1958	1.68	1.14	1.97	1.29	1.99	1.13	3.04	4.67	1.42	1.21	1.25	1.09	4.67
1959	.47	.58	.67	.78	.35	1.08	2.16	.76	.20	1.28	2.06	1.00	2.16
1960	.52	1.09	.94	1.07	1.57	2.37	4.61	.80	3.89	1.20	.81	1.32	4.61
1961	1.72	1.75	1.07	.66	1.98	1.55	1.04	1.43	.58	3.53	.57	.68	3.53
1962	2.14	.87	.77	.63	.50	PART	.72	.80	1.03	.90	1.50	1.01	PART
1963	.35	.38	.92	.84	.96	3.06	.57	.41	.81	.7	2.50	.64	3.06
1964	1.06	1.01	.73	.71	.29	2.38	1.70	.87	1.79	1.59	1.39	.87	2.38
1965	.60	1.08	1.39	.69	.22	1.14	.62	1.85	1.52	.64	.15	.41	1.85
1966	.90	.97	.41	.98	.97	.90	.66	.28	2.36	3.55	.66	.80	3.55
1967	.50	.75	.74	.36	1.95	.56	1.19	1.39	.63	.70	.71	1.06	1.95
1968	1.46	.29	1.45	.53	2.16	.68	.27	.84	1.51	.49	2.12	.84	2.16
1969	.72	1.18	.66	.82	.83	1.00	2.56	5.88	1.66	.52	.48	1.74	5.88
1970	.37	.65	1.06	1.34	.45	1.38	PART	.93	1.69	.78	1.05	.69	PART
1971	.46	1.25	.79	1.34	2.68	.85	.75	2.76	.76	1.53	1.65	.51	2.76
1972	PART	1.21	.88	1.55	1.95	2.64	1.05	1.66	.79	1.66	1.34	.78	PART
1973	.81	1.74	.55	.61	.62	.56	.48	2.65	1.37	1.52	.50	1.11	2.65
1974	.66	.42	1.41	.35	.83	1.35	.28	3.71	1.12	.51	.26	1.66	3.71
1975	1.25	.64	1.81	.79	1.14	1.14	1.91	1.73	2.75	1.61	.92	1.91	2.75
1976	1.73	.56	.90	.67	1.51	.49	1.04	.34	1.79	1.46	.42	.92	1.79
1977	.78	.41	.94	.51	.75	1.67	.73	1.09	2.01	1.97	1.31	1.87	2.01
1978	1.72	.57	2.23	1.44	1.80	.63	1.86	.91	.03	.29	.68	1.30	2.23
1979	1.37	3.06	1.24	.61	1.88	1.64	1.73	3.04	3.21	1.16	1.57	.75	3.21
1980	1.12	.20	2.66	.86	.69	.28	2.33	.46	.91	3.08	.63	.21	3.08
1981	.18	1.12	.50	1.28	1.17	.90	2.77	.41	1.09	.93	.24	.91	2.77
1982	.75	1.15	1.10	1.42	1.00	1.42	1.55	1.12	2.60	1.39	1.21	.67	2.60
1983	.65	1.52	1.73	2.61	1.27	5.91	.29	1.00	2.16	1.64	1.14	2.95	5.91
1984	1.67	1.31	2.10	1.17	4.31	.50	1.53	3.37	.77	2.22	1.31	.70	4.31
1985	.88	1.24	.55	.27	.98	.65	.75	3.09	2.95	1.65	2.75	.22	3.09
1986	1.25	.56	.43	.40	.97	.48	.65	2.11	.60	1.20	.63	3.18	3.18
MEAN	.97	.97	1.07	.91	1.25	1.26	1.31	1.85	1.38	1.32	1.21	1.04	3.13
S.D.	.525	.555	.548	.482	.798	1.018	.898	1.378	.883	.838	.896	.640	1.090
TOT OBS	39	39	42	42	42	41	41	42	41	42	40	40	31

NOTE :
T = TRACE AMOUNTS (LESS THAN .01. .1. OR 1.0 INCHES)

PRECIPITATION (INCHES)
(FROM DAILY OBS)013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1948											1.00		PRECIP # DAYS
1949													
1950		.45							.68				PRECIP # DAYS
1951													PRECIP # DAYS
1952	1.31											1.15	PRECIP # DAYS
1953										2.89			PRECIP # DAYS
1955		.69										.89	PRECIP # DAYS
1962													PRECIP # DAYS
1970													PRECIP # DAYS
1972		.46										1.28	PRECIP # DAYS

24 - EXTREME VALUES

SNOWFALL (INCHES)
(FROM DAILY OBS)013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1946	1.5	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	6.3
1947	1.7	.8	7.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	7.0
1948	5.5	3.3	T	.0	.0	.0	.0	.0	.0	.0	.0	T	5.5
1949	PART	PART	T	.0	.0	.0	.0	.0	.0	.0	T	.C	PART
1950	.0	PART	5.0	MISS	MISS	MISS	MISS	MISS	MISS	MISS	.0	MISS	MISS
1951	T	2.0	T	.0	.0	.0	.0	.0	.0	.0	.0	PART	MISS
1952	PART	1.9	T	.0	.0	.0	.0	PART	.0	.0	PART	.C	PART
1953	T	.0	PART	.0	.0	.0	PART	.0	.0	PART	.3	PART	MISS
1954	11.2	T	.0	T	T	.0	.0	.0	.0	.0	.0	1.0	11.2
1955	4.0	PART	.0	T	.0	.0	.0	.0	.0	.0	T	T	PART
1956	1.4	T	T	T	.0	.0	.0	.0	.0	.0	T	T	1.4
1957	3.9	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.9
1958	4.9	.4	7.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	7.0
1959	2.0	T	T	T	.0	.0	.0	.0	.0	.0	.0	PART	MISS
1960	1.8	5.4	9.4	T	.0	.0	.0	.0	.0	.0	.0	4.0	9.4
1961	5.0	4.0	T	.0	.0	.0	.0	.0	.0	.0	T	.1	5.0
1962	5.3	4.0	2.3	.0	.0	.0	.0	.0	.0	.0	T	6.5	6.5
1963	1.6	1.0	T	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.0
1964	5.4	7.2	3.0	T	.0	.0	.0	.0	.0	.0	T	.0	7.2
1965	5.2	3.7	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2
1966	9.0	2.0	T	T	.0	.0	.0	.0	.0	.0	T	8.0	9.0
1967	5.0	7.5	T	.0	.0	.0	.0	.0	.0	.0	7.1	2.0	7.5
1968	3.0	T	2.3	.0	.0	.0	.0	.0	.0	.0	T	T	3.0
1969	.2	2.8	6.3	.0	.0	.0	.0	.0	.0	.0	T	.6	6.3
1970	2.9	.7	T	.0	.0	.0	PART	.0	.0	.0	.0	.3	PART
1971	1.0	T	7.0	T	.0	.0	.0	.0	.0	.0	.0	T	7.0
1972	PART	5.5	.0	.3	.0	.0	.0	.0	.0	T	T	.0	PART
1973	2.0	T	T	T	.0	.0	.0	.0	.0	.0	.0	1.9	2.0
1974	T	4.2	T	T	.0	.0	.0	.0	.0	.0	.0	T	4.2
1975	3.7	4.0	.5	T	.0	.0	.0	.0	.0	.0	.0	T	4.0
1976	.2	1.2	T	.0	.0	.0	.0	.0	.0	.0	.0	1.8	1.8
1977	6.3	T	T	.0	.0	.0	.0	.0	.0	.0	T	T	6.3
1978	2.9	5.7	6.2	.0	.0	.0	.0	.0	.0	.0	.4	T	6.2
1979	1.6	11.7	.1	.0	.0	.0	.0	.0	.0	.1	.0	T	11.7
1980	4.8	2.0	5.6	.0	.0	.0	T	.0	.0	.0	T	T	5.6
1981	1.8	T	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.0
1982	6.9	6.6	T	T	.0	.0	.0	.0	.0	.0	.0	6.5	6.9
1983	T	14.2	.0	T	.0	.0	.0	.0	.0	.0	T	T	14.2
1984	2.0	.8	T	T	.0	.0	.0	.0	.0	.0	.0	T	2.0
1985	2.8	T	T	T	T	.0	.0	.0	.0	.0	.0	.7	2.8
1986	1.5	3.3	T	T	.0	.0	.0	.0	.0	.0	.0	T	3.3

MEAN 3.1 2.9 1.6 .0 .0 .0 .0 .0 .0 .0 .0 .2 1.4 5.7
S.D. 2.607 3.310 2.740 .047 .000 .000 .000 .000 .000 .016 1.125 2.224 3.091
TOT OBS 38 38 40 40 40 38 39 40 39 40 39 40 37 32

NOTE : T = TRACE AMOUNTS (LESS THAN .01, .1, OR 1.0 INCHES)

SNOWFALL (INCHES)
(FROM DAILY OBS)

013721 PATUXENT RIVER. MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

[illegible]

25 - EXTREME VALUES

SNOW DEPTH (INCHES)
(FROM DAILY OBS)

013721 PATUXENT RIVER, MD
 PERIOD OF RECORD: 1945-1986
 LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1949	PART	0.	T	0.	0.	0.	0.	0.	0.	0.	0.	0.	PART
1950	0.	PART	5.	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1951	T	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	MISS
1952	PART	2.	0.	PART	0.	0.	0.	PART	0.	0.	PART	0.	PART
1953	PART	PART	PART	0.	0.	0.	PART	0.	0.	PART	2.	PART	MISS
1954	10.	T	0.	T	0.	0.	0.	0.	0.	0.	0.	1.	10.
1955	4.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	PART	MISS
1956	T	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	T
1957	5.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	5.
1958	4.	4.	3.	0.	0.	0.	0.	0.	0.	0.	0.	6.	6.
1959	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	T	1.
1960	T	4.	10.	0.	0.	0.	0.	0.	0.	0.	0.	4.	10.
1961	5.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.
1962	5.	4.	4.	0.	0.	0.	0.	0.	0.	0.	0.	6.	6.
1963	2.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	2.
1964	6.	7.	3.	T	0.	0.	0.	0.	0.	0.	0.	0.	7.
1965	8.	4.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.
1966	27.	31.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.	31.
1967	5.	9.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.	9.
1968	3.	0.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.
1969	T	1.	6.	0.	0.	0.	0.	0.	0.	0.	0.	T	6.
1970	4.	1.	T	0.	0.	0.	PART	0.	0.	0.	0.	T	PART
1971	2.	1.	7.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.
1972	0.	2.	0.	T	0.	0.	0.	0.	0.	0.	0.	0.	2.
1973	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.
1974	0.	4.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.
1975	4.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.
1976	0.	T	0.	0.	0.	0.	0.	0.	0.	0.	T	2.	2.
1977	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.
1978	2.	8.	6.	0.	0.	0.	0.	0.	0.	0.	T	0.	8.
1979	2.	27.	T	0.	0.	0.	0.	0.	0.	0.	0.	0.	27.
1980	6.	4.	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.
1981	2.	0.	T	0.	0.	0.	0.	0.	0.	0.	0.	T	2.
1982	10.	7.	T	0.	0.	0.	0.	0.	0.	0.	0.	7.	10.
1983	0.	13.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.
1984	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.
1985	3.	T	0.	PART	0.	0.	0.	0.	0.	0.	0.	1.	PART
1986	2.	3.	T	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.

MEAN 3.8 4.0 1.6 .0 .0 .0 .0 .0 .0 .0 .0 .1 1.4 7.0
 S.D. 4.898 6.868 2.671 .000 .000 .000 .000 .000 .000 .000 .000 .333 2.594 6.729
 TOT OBS 35 36 37 35 37 36 36 36 37 36 36 34 30

NOTE :
 T = TRACE AMOUNTS (LESS THAN .01, .1, OR 1.0 INCHES)

**SNOW DEPTH (INCHES)
(FROM DAILY OBS)**

013721 PATUXENT RIVER, MD
LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 PAGE : 1

[illegible]

1950	30.	SNO DEPTH	# DAYS
	27		

1951	
	SNO DEPTH
	# DAYS
0.	29

	T	SNO DEPTH # DAYS
1952	7	0.
	30	29

1953	1	0.	4.	0.	0.	SNO DEPTH
	30	27	30	30	30	# DAYS

1955	0.	SNO DEPTH	30	# DAYS
------	----	-----------	----	--------

1970	SNO DEPTH	# DAYS
0.		
21		

	SNO DEPTH	# DAYS
1985	0.	28

27 - EXTREME VALUES

DAILY PEAK GUST (KNOTS)
(FROM DAILY OBS)013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1948	NW 31	NW 35	NW 32	PARTNNW 41	NNNE 34	SW 38	PARTNNW 29	PARTNNW 29	PARTNNW 35	NNNW 43	PART	PART	PART
1949	NNW 42	PART	PART	SE 35	PART	PART	SW 59	ESE 56	PARTNNW 30	NNNW 37	NNW 37	PART	PART
1950	NW 40	PARTNNW 40	NW 35	NW 52	NNNW 36	NNNW 34	PART	NW 31	NW 36	NNNW 43	S 36	PART	PART
1951	NW 38	NW 43	NW 38	N 33	NNNW 34	W 37	NW 47	PART	NW 26	NW 42	PART	PART	MISS
1952	PART	NW 38	NW 40	N 36	SW 30	SW 43	PART	W 38	PART	PART	NW 32	PART	PART
1953	PARTNNW 31	NW 33	PART	PART	PART	PART	N 34	PART	PART	NW 34	NW 43	PART	MISS
1954	PART	N 44	S 42	PART	N 40	NW 61	NW 62	NNNW 53	NNNW 40	ESE 96	PART	PART	MISS
1955	NW 53	NW 54	SSW 62	NW 63	W 44	PART	SW 42	ESE 69	N 51	NW 56	PARTNNW 46	PART	PART
1956	PARTNNW 61	NNNW 52	NW 54	NW 52	NNNW 47	PART	NW 62	ESE 55	N 48	PART	PART	PART	MISS
1957	NW 62	NNNW 38	PART	NW 60	NNNW 38	SSW 60	PART	SW 56	NNNW 38	ESE 69	NW 48	ESE 53	PART
1958	ENE 48	NNNW 49	PARTNNW 41	NNNW 42	NW 60	W 40	SW 46	W 40	NNNW 39	NNNW 55	PART	PART	MISS
1959	NW 47	NW 43	NNNW 47	NE 37	NW 31	NNNW 43	NW 42	NNNE 31	SE 31	S 30	NW 42	NW 38	NW 47
1960	NNW 42	E 61	NNNW 48	NW 38	NNNW 37	SW 48	NW 40	NNNW 43	NNNW 45	N 35	SW 31	NNNW 43	E 61
1961	NNW 44	WSW 47	NW 40	E 43	NNNW 37	WSW 48	W 34	SSW 28	N 29	NNNE 30	NNNW 34	SSW 29	WSW 48
1962	NNW 32	N 27	N 35	W 34	SSW 32	SW 30	NW 35	SW 24	SE 23	W 26	ESE 36	NW 39	NW 39
1963	NW 39	NW 31	N 34	SW 41	NW 28	NNNE 32	W 27	NW 31	S 31	NW 27	NW 35	NW 31	SW 41
1964	W 34	N 41	SW 45	WSW 35	NNNW 26	W 51	E 40	E 34	NNNE 39	NNNW 31	SE 33	NW 39	W 51
1965	NW 42	NW 43	SW 36	NW 38	SSW 43	W 38	NNNW 32	NW 49	NW 26	SE 43	W 40	NNNW 30	NW 49
1966	W 41	SE 32	W 37	WSW 30	W 33	NNNW 28	W 35	SW 34	ESE 29	NW 28	S 32	NNNW 33	W 41
1967	W 33	SSW 37	NW 46	NW 44	WSW 44	SW 25	NW 32	SW 36	N 35	WSW 42	NW 40	WSW 40	NW 46
1968	NNW 35	NW 36	NW 43	NW 36	NNNW 36	S 38	NNNW 29	E 47	S 29	NW 29	PART	PART	MISS
1969	W 30	NW 42	NW 35	N 34	SSW 37	WSW 40	NNNW 32	SSW 39	S 25	NNNW 29	NNNW 42	NW 38	NW 42
1970	NW 42	NW 37	N 26	W 44	NW 28	SW 30	PART	NW 29	W 40	PART	PART	NW 38	PART
1971	W 43	NNNW 42	PART	ESE 36	NNNW 77	ESE 49	NNNW 34	NNNW 29	NNNW 24	NNNW 28	NNNW 34	NNNW 44	PART
1972	NNW 34	NNNW 42	NNNW 35	NNNW 28	ESE 25	ESE 37	PART	NNNW 24	NNNW 28	NNNW 30	NNNW 42	NNNW 31	PART
1973	NNW 33	NNNW 42	NNNW 42	NNNW 32	E 28	NNNW 23	NNNW 23	NNNW 23	NNNW 30	NNNW 30	NNNW 36	NNNW 36	NNW 42
1974	NNW 29	NNNW 36	NNNW 43	NNNW 36	NNNW 36	NNNW 31	NNNW 29	NNNW 27	E 34	E 27	NNNW 32	NNNW 49	NNW 49
1975	NNW 40	PART	NNNW 37	PART	NNNW 30	NNNW 40	NNNW 31	NNNW 33	NNNW 33	NNNW 25	NNNW 29	NNNW 31	PART
1976	ENE 32	NNNW 41	NNNW 37	NNNW 27	NNNW 29	NNNW 23	NNNW 39	NNNW 18	E 16	NNNW 25	NNNW 28	NNNW 38	NNW 41
1977	NNW 41	NNNW 35	NNNW 40	NNNW 39	NNNW 42	NNNW 40	NNNW 53	NNNW 54	NNNW 40	NNNW 36	NNNW 39	NNNW 38	NNW 54
1978	NNW 60	NNNW 39	NNNW 37	NNNW 43	NNNW 28	NNNW 52	NNNW 38	NNNW 32	NNNW 26	NNNW 28	NNNW 28	NNNW 43	NNW 60
1979	NNW 37	NNNW 43	NNNW 30	NNNW 35	NNNW 32	NNNW 28	NNNW 31	NNNW 33	NNNW 58	NNNW 32	NNNW 48	ESE 36	NNW 58
1980	NNW 29	E 34	NNNW 47	NNNW 32	NNNW 30	E 40	NNNW 65	NNNW 54	E 27	NNNW 36	ESE 35	NNNW 38	NNW 65
1981	ESE 31	NNNW 37	NNNW 38	NNNW 47	NNNW 31	NNNW 47	NNNW 30	NNNW 30	NNNW 31	NNNW 37	E 31	NNNW 35	NNW 47
1982	NNW 40	NNNW 29	E 30	NNNW 51	NNNW 29	NNNW 32	NNNW 32	NNNW 30	NNNW 31	NNNW 37	E 31	NNNW 27	NNW 51
1983	NNW 32	NNNW 38	NNNW 33	NNNW 34	NNNW 42	NNNW 25	NNNW 28	NNNW 34	NNNW 31	NNNW 25	NNNW 35	E 41	NNW 42
1984	E 26	NNNW 34	NNNW 44	NNNW 35	NNNW 46	NNNW 29	NNNW 30	NNNW 22	NNNW 22	NNNW 25	NNNW 32	NNNW 30	NNW 46
1985	NNW 48	NNNW 41	NNNW 44	NNNW 34	ESE 33	E 26	NNNW 38	NNNW 39	E 48	E 23	NNNW 40	NNNW 35	NNW 48
1986	NNW 35	NNNW 22	ESE 44	NNNW 29	NNNW 32	N 40	NNNW 44	NNNW 31	NNNW 28	NNNW 25	E 44	NNNW 34	ESE 44
MEAN	39.0	39.4	39.8	38.5	36.4	38.4	37.8	37.7	33.3	34.9	37.2	37.3	48.3
S.D.	8.338	8.129	6.971	8.287	9.799	10.702	9.716	12.445	9.266	14.118	6.357	5.912	7.126
TOT OBS	35	36	35	35	37	36	34	35	36	36	32	33	23

27 - EXTREME VALUES

**DAILY PEAK GUST (KNOTS)
(FROM DAILY OBS)**

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

[illegible]

29 - DAILY AVERAGE/EXTREME TEMPERATURES

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : JAN

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE				
DAY	AVERAGE		DATE	EXTREME		DATE	AVERAGE		DATE	EXTREME		
	DEG F	DEG C		DEG F	DEG C		DEG F	DEG C		DEG F	DEG C	
1	38.3	3.5	45.5	7.5	67.0	19.4	1966.	31.1	-5	16.0	-8.9	1977.
2	37.3	2.9	44.5	6.9	65.0	18.3	1985.	30.1	-1.0	14.0	-10.0	1968.
3	38.2	3.4	45.6	7.5	66.0	18.9	1951.	30.8	-7	12.0	-11.1	1979.
4	37.5	3.1	44.6	7.0	72.0	22.2	1950.	30.5	-9	12.0	-11.1	1981.
5	36.3	2.4	43.4	6.3	74.0	23.3	1950.	29.2	-1.6	10.0	-12.2	1969.
6	37.8	3.2	45.1	7.3	71.0	21.7	1950.	30.5	-8	11.0	-11.7	1959.
7	37.8	3.2	44.9	7.2	66.0	18.9	1950.+	30.7	-7	15.0	-9.4	1977.+
8	34.8	1.6	41.5	5.3	64.0	17.8	1965.	28.2	-2.1	5.0	-15.0	1970.
9	35.1	1.7	42.4	5.8	67.0	19.4	1969.	27.9	-2.3	5.0	-15.0	1970.
10	35.5	2.0	42.5	5.9	70.0	21.1	1950.	28.5	-1.9	4.0	-15.6	1970.
11	34.6	1.4	41.1	5.1	68.0	20.0	1975.	28.1	-2.2	6.0	-14.4	1982.
12	33.4	.8	40.7	4.8	60.0	15.6	1986.+	26.1	-3.3	9.0	-12.8	1968.
13	34.3	1.3	41.3	5.2	66.0	18.9	1972.	27.3	-2.6	7.0	-13.9	1981.
14	36.0	2.2	43.2	6.2	70.0	21.1	1950.	28.9	-1.7	14.0	-10.0	1964.
15	35.7	2.0	42.7	5.9	74.0	23.3	1952.	28.7	-1.8	10.0	-12.2	1982.
16	34.0	1.1	41.7	5.4	72.0	22.2	1953.	26.4	-3.1	2.0	-16.7	1977.
17	33.0	.5	40.6	4.8	64.0	17.8	1949.	25.3	-3.7	-3.0	-19.4	1977.+
18	34.6	1.5	42.2	5.7	68.0	20.0	1986.	27.1	-2.7	-1.0	-18.3	1977.
19	35.4	1.9	42.7	5.9	69.0	20.6	1951.	28.1	-2.2	6.0	-14.4	1977.
20	35.4	1.9	42.7	6.0	71.0	21.7	1951.	28.0	-2.2	-1.0	-18.3	1985.
21	35.8	2.1	43.9	6.6	69.0	20.6	1959.	27.6	-2.5	-2.0	-18.9	1985.
22	36.5	2.5	44.5	7.0	69.0	20.6	1986.	28.5	-1.9	5.0	-15.0	1984.
23	36.9	2.7	45.0	7.2	75.0	23.9	1974.	28.9	-1.7	15.0	-5.4	1977.
24	36.6	2.5	44.0	6.7	72.0	22.2	1950.	29.1	-1.6	9.0	-12.8	1963.
25	38.7	3.7	46.5	8.1	77.0	25.0	1950.	30.8	-7	12.0	-11.1	1961.
26	39.4	4.1	47.6	8.7	78.0	25.6	1950.	31.2	-7.4	13.0	-10.6	1982.
27	37.7	3.2	46.0	7.8	75.0	23.9	1974.	29.3	-1.5	12.0	-11.1	1982.+
28	35.6	2.0	43.2	6.2	72.0	22.2	1949.	27.9	-2.3	12.0	-11.1	1986.+
29	35.2	1.8	43.3	6.3	74.0	23.3	1975.	27.1	-2.7	4.0	-15.6	1977.
30	35.7	2.1	43.4	6.3	72.0	22.2	1947.	28.0	-2.2	10.0	-12.2	1977.
31	34.1	1.2	41.3	5.2	70.0	21.1	1947.	26.9	-2.8	10.0	-12.2	1948.
MONTH	36.0	2.2	43.5	6.4	78.0	25.6	1950.	28.6	-1.9	-3.0	-19.4	1977.+

NOTES :

T = TRACE AMOUNTS (<.01. OR <.5. OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : FEB

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE			
AVERAGE		AVERAGE		AVERAGE		EXTREME		AVERAGE		EXTREME	
DAY	DEG F	DEG C	DEG C	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
1	35.4	1.9	42.8	6.0	62.0	16.7	1982.	28.0	-2.2	9.0	-12.8
2	36.0	2.2	43.0	6.1	70.0	21.1	1967.	29.0	-1.7	9.0	-12.8
3	34.1	1.2	41.3	5.2	58.0	14.4	1983.+	27.0	-2.8	12.0	-11.1
4	34.5	1.4	42.2	5.7	62.0	16.7	1976.	26.7	-2.9	12.0	-11.1
5	34.7	1.5	41.9	5.5	62.0	16.7	1964.	27.4	-2.5	8.0	-13.3
6	36.7	2.6	44.3	6.9	60.0	15.6	1960.	29.0	-1.6	11.0	-11.7
7	35.9	2.2	42.9	6.1	58.0	14.4	1965.+	28.9	-1.7	11.0	-11.7
8	34.2	1.2	41.3	5.2	66.0	18.9	1965.	27.0	-2.8	11.0	-11.7
9	35.0	1.7	42.4	5.8	66.0	18.9	1949.	27.6	-2.5	14.0	-10.0
10	36.0	2.2	43.9	6.6	70.0	21.1	1959.	28.0	-2.2	9.0	-12.8
11	36.5	2.5	45.0	7.2	66.0	18.9	1977.+	28.0	-2.2	7.0	-13.9
12	35.0	1.7	42.5	5.8	65.0	18.3	1965.	27.6	-2.4	9.0	-12.8
13	36.8	2.7	44.4	6.9	71.0	21.7	1949.	29.2	-1.5	11.0	-11.7
14	38.0	3.3	47.3	8.5	68.0	20.0	1946.	28.7	-1.8	10.0	-12.2
15	39.1	3.9	46.9	8.3	76.0	24.4	1954.	31.3	-.4	18.0	-7.8
16	38.6	3.7	46.4	8.0	76.0	24.4	1976.+	30.8	-.7	13.0	-10.6
17	38.3	3.5	45.6	7.5	80.0	26.7	1976.	31.1	-.5	7.0	-13.9
18	38.6	3.7	46.8	8.2	77.0	25.0	1976.	30.4	-.9	6.0	-14.4
19	40.0	4.4	48.0	8.9	72.0	22.2	1961.	31.9	-.1	14.0	-10.0
20	38.3	3.5	46.1	7.8	68.0	20.0	1971.	30.5	-.9	6.0	-14.4
21	38.4	3.6	46.8	8.2	67.0	19.4	1953.	30.0	-1.1	10.0	-12.2
22	40.1	4.5	48.6	9.2	71.0	21.7	1985.	31.5	-.3	10.0	-12.2
23	40.1	4.5	48.1	9.0	75.0	23.9	1985.	32.0	.0	15.0	-9.4
24	41.1	5.0	49.6	9.8	81.0	27.2	1985.	32.6	.3	18.0	-7.8
25	41.5	5.3	49.7	9.8	74.0	23.3	1977.	33.4	.8	12.0	-11.1
26	40.4	4.7	48.0	8.9	72.0	22.2	1946.	32.8	.5	10.0	-12.2
27	40.7	4.9	49.2	9.6	74.0	23.3	1977.+	32.2	.1	14.0	-10.0
28	42.0	5.5	51.2	10.7	78.0	25.6	1948.	32.7	.4	21.0	-6.1
MONTH	37.7	3.2	45.6	7.5	81.0	27.2	1985.	29.8	-1.2	6.0	-14.4

NOTES :

T = TRACE AMOUNTS (<.01. OR <.5. OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : MAR

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE			
AVERAGE		AVERAGE		EXTREME		AVERAGE		EXTREME		AVERAGE	
DAY	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DATE	DEG F	DEG C	DATE
1	40.2	4.5	47.8	8.8	78.0	25.6	1976.4	32.5	.3	13.0	-10.6 1980.
2	41.2	5.1	49.5	9.7	80.0	26.7	1972.	32.9	.5	15.0	-9.4 1980.
3	41.3	5.2	49.0	9.4	73.0	22.8	1967.	33.6	.9	17.0	-8.3 1980.4
4	42.4	5.8	50.5	10.3	82.0	27.8	1983.	34.4	1.3	20.0	-6.7 1980.4
5	44.7	7.0	53.2	11.8	81.0	27.2	1976.	36.2	2.3	17.0	-8.3 1978.
6	44.3	6.8	52.7	11.5	82.0	27.8	1961.	35.8	2.1	20.0	-6.7 1960.4
7	42.4	5.8	50.4	10.2	74.0	23.3	1946.	34.4	1.3	19.0	-7.2 1986.
8	41.9	5.5	50.1	10.1	70.0	21.1	1980.4	33.6	.9	15.0	-9.4 1986.
9	41.8	5.5	50.5	10.3	80.0	26.7	1964.	33.2	.7	19.0	-7.2 1960.
10	44.3	6.8	52.5	11.4	78.0	25.6	1964.	36.0	2.2	22.0	-5.6 1984.
11	44.1	6.7	52.6	11.4	79.0	26.1	1967.	35.6	2.0	16.0	-8.9 1960.
12	44.4	6.9	52.5	11.4	76.0	24.4	1973.	36.3	2.4	21.0	-6.1 1969.4
13	45.0	7.2	53.6	12.0	73.0	22.8	1982.4	36.5	2.5	21.0	-6.1 1960.
14	45.8	7.7	54.4	12.5	77.0	25.0	1967.	37.3	2.9	21.0	-6.1 1968.
15	46.2	7.9	55.4	13.0	77.0	25.0	1973.	37.1	2.8	23.0	-5.0 1970.
16	45.2	7.3	53.5	11.9	85.0	29.4	1945.	36.9	2.7	24.0	-4.4 1979.4
17	44.5	6.9	52.6	11.4	80.0	26.7	1945.	36.4	2.4	24.0	-4.4 1981.4
18	43.2	6.2	50.3	10.1	68.0	20.0	1966.	36.2	2.4	20.0	-6.7 1967.
19	45.4	7.4	53.2	11.8	83.0	28.3	1945.	37.5	3.1	15.0	-9.4 1967.
20	46.3	8.0	54.4	12.4	83.0	28.3	1945.	38.3	3.5	25.0	-3.9 1981.4
21	47.5	8.6	56.3	13.5	85.0	29.4	1948.	38.7	3.7	19.0	-7.2 1965.
22	46.7	8.2	55.0	12.8	84.0	28.9	1948.	38.4	3.6	27.0	-2.8 1986.
23	46.7	8.2	56.0	13.3	70.0	21.1	1965.4	37.5	3.1	24.0	-4.4 1986.
24	47.5	8.6	56.5	13.6	68.0	20.0	1955.	38.6	3.7	28.0	-2.2 1971.
25	46.4	8.0	54.3	12.4	72.0	22.2	1963.	38.6	3.7	26.0	-3.3 1956.
26	47.6	8.7	56.5	13.6	78.0	25.6	1964.	38.7	3.7	27.0	-2.8 1974.
27	48.4	9.1	56.9	13.8	82.0	27.8	1949.	40.0	4.4	24.0	-4.4 1955.
28	49.2	9.6	57.6	14.2	84.0	28.9	1985.	40.9	4.9	25.0	-3.9 1982.
29	51.6	10.9	61.2	16.2	86.0	30.0	1985.	41.9	5.5	27.0	-2.8 1982.4
30	51.0	10.5	58.8	14.9	83.0	28.3	1977.	43.2	6.2	32.0	-0 1970.4
31	49.6	9.8	57.6	14.2	84.0	28.9	1979.	41.6	5.3	26.0	-3.3 1964.
MONTH	45.4	7.4	53.7	12.1	86.0	30.0	1985.	37.1	2.8	13.0	-10.6 1980.

NOTES :
 T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
 + = VALUE OCCURRED IN PREVIOUS YEAR(S).
 THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

013721 PATUXENT RIVER, MD
 PERIOD OF RECORD : 1945-1986
 LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 MONTH : APR

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE			
AVERAGE		AVERAGE		EXTREME		EXTREME		AVERAGE		EXTREME	
DAY	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE	DATE
1	51.0	10.6	60.4	15.8	86.0	30.0	1978.	41.6	5.4	28.0	-2.2 1969.
2	54.1	12.3	64.3	17.9	84.0	28.9	1969.	43.9	6.6	32.0	.0 1964.
3	53.7	12.1	63.5	17.5	90.0	32.2	1967.	44.0	6.7	31.0	-6 1961.
4	52.4	11.3	60.9	16.0	84.0	28.9	1956.	43.9	6.6	29.0	-1.7 1954.
5	52.6	11.4	61.7	16.5	83.0	28.3	1985.	43.5	6.4	31.0	-6 1975.
6	51.5	10.8	59.5	15.3	84.0	28.9	1947.	43.6	6.4	29.0	-1.7 1982.
7	50.9	10.5	59.6	15.3	78.0	25.6	1947.	42.2	5.7	27.0	-2.8 1982.
8	52.4	11.3	61.4	16.3	86.0	30.0	1954.	43.5	6.4	30.0	-1.1 1982.+
9	51.1	10.6	59.6	15.3	87.0	30.6	1959.	42.5	5.9	31.0	-6 1982.+
10	51.0	10.6	59.4	15.2	81.0	27.2	1969.+	42.7	5.9	29.0	-1.7 1985.
11	52.8	11.6	62.0	16.6	83.0	28.3	1978.	43.7	6.5	33.0	.6 1960.
12	53.7	12.1	62.7	17.0	85.0	29.4	1965.	44.8	7.1	32.0	.0 1982.
13	53.1	11.7	61.5	16.4	83.0	28.3	1977.	44.7	7.1	31.0	-6 1950.
14	55.0	12.8	63.5	17.5	87.0	30.6	1960.	46.5	8.1	26.0	-3.3 1950.
15	55.3	12.9	63.7	17.6	88.0	31.1	1967.	46.9	8.3	32.0	.0 1950.
16	54.9	12.7	63.7	17.6	84.0	28.9	1976.	46.0	7.8	35.0	1.7 1950.
17	55.7	13.2	64.6	18.1	87.0	30.6	1976.	46.8	8.2	31.0	-6 1980.
18	57.6	14.2	67.6	19.8	90.0	32.2	1969.	47.5	8.6	34.0	1.1 1951.
19	58.6	14.8	68.1	20.0	92.0	33.3	1985.	49.2	9.6	36.0	2.2 1983.+
20	57.4	14.1	66.4	19.1	88.0	31.1	1985.	48.4	9.1	32.0	.0 1953.
21	57.5	14.2	67.0	19.5	84.0	28.9	1957.	47.9	8.8	34.0	1.1 1956.
22	58.6	14.8	67.6	19.8	89.0	31.7	1985.+	49.5	9.7	36.0	2.2 1953.
23	59.6	15.3	68.5	20.3	87.0	30.6	1952.	50.7	10.4	35.0	1.7 1986.
24	59.2	15.1	67.9	20.0	84.0	28.9	1960.+	50.5	10.3	37.0	2.8 1956.
25	58.8	14.9	67.3	19.6	91.0	32.8	1960.	50.3	10.2	37.0	2.8 1956.
26	58.8	14.9	67.7	19.8	84.0	28.9	1985.+	50.0	10.0	41.0	5.0 1978.
27	58.3	14.6	66.3	19.0	91.0	32.8	1969.	50.3	10.1	40.0	4.4 1978.
28	57.5	14.2	65.5	18.6	88.0	31.1	1983.	49.6	9.8	38.0	3.3 1946.
29	58.4	14.7	66.3	19.0	91.0	32.8	1974.	50.5	10.3	38.0	3.3 1982.
30	59.5	15.3	68.1	20.0	85.0	29.4	1974.	51.0	10.6	42.0	5.6 1961.
MONTH	55.4	13.0	64.2	17.9	92.0	33.3	1985.	46.5	8.1	26.0	-3.3 1950.

NOTES :

T = TRACE AMOUNTS (<.01. OR <.5. OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

013721 PATUKENT RIVER, MD
PERIOD OF RECORD : 1945-1986LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAY

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE			
AVERAGE		I		AVERAGE		I		AVERAGE		I	
DAY	DEG F	DEG C		DEG F	DEG C			DEG F	DEG C		
1	60.9	16.1	69.1	20.6	91.0	32.8	1986.	52.6	11.5	44.0	6.7 1978.+
2	60.6	15.9	68.7	20.4	87.0	30.6	1973.	52.5	11.4	40.0	4.4 1978.
3	60.7	15.9	69.3	20.7	86.0	30.0	1973.+	52.1	11.2	42.0	5.6 1966.
4	60.0	15.6	68.8	20.4	86.0	30.0	1965.	51.2	10.7	38.0	3.3 1986.
5	60.8	16.0	70.2	21.2	87.0	30.6	1980.+	51.4	10.8	44.0	6.7 1966.+
6	62.3	16.8	71.4	21.9	89.0	31.7	1986.+	53.3	11.8	44.0	6.7 1968.
7	62.0	16.6	70.3	21.3	92.0	33.3	1986.	53.6	12.0	41.0	5.0 1970.
8	62.0	16.7	71.0	21.7	91.0	32.8	1963.	53.0	11.7	40.0	4.4 1947.
9	61.6	16.4	71.0	21.6	94.0	34.4	1964.+	52.2	11.2	39.0	3.9 1977.+
10	63.2	17.3	72.3	22.4	93.0	33.9	1963.	54.0	12.2	36.0	2.2 1966.
11	64.2	17.9	72.7	22.6	85.0	29.4	1985.+	55.6	13.1	40.0	4.4 1966.
12	64.4	18.0	72.9	22.7	90.0	32.2	1959.	55.8	13.2	44.0	6.7 1969.
13	64.5	18.0	72.9	22.7	91.0	32.8	1956.	56.0	13.4	45.0	7.2 1981.
14	63.6	17.5	71.9	22.2	93.0	33.9	1956.	55.2	12.9	47.0	8.3 1960.
15	64.5	18.0	72.6	22.6	89.0	31.7	1983.+	56.3	13.5	46.0	7.8 1984.
16	63.7	17.6	72.0	22.2	86.0	30.0	1945.	55.5	13.0	45.0	7.2 1959.
17	65.1	18.4	73.8	23.2	90.0	32.2	1974.	56.3	13.5	43.0	6.1 1967.
18	65.5	18.6	74.1	23.4	89.0	31.7	1986.+	56.9	13.8	43.0	6.1 1983.+
19	66.6	19.2	75.3	24.0	90.0	32.2	1984.+	57.9	14.4	44.0	6.7 1976.
20	66.8	19.3	74.5	23.6	88.0	31.1	1947.	59.0	15.0	48.0	8.9 1950.
21	66.8	19.3	74.3	23.5	85.0	29.4	1962.	59.3	15.2	45.0	7.2 1950.
22	67.3	19.6	75.7	24.3	91.0	32.8	1984.	58.8	14.9	48.0	8.9 1967.
23	68.3	20.2	76.7	24.8	94.0	34.4	1964.	59.9	15.5	49.0	9.4 1967.
24	66.8	19.4	74.8	23.8	94.0	34.4	1964.	58.9	15.0	47.0	8.3 1963.
25	67.5	19.7	75.4	24.1	90.0	32.2	1981.	59.6	15.3	47.0	8.3 1956.
26	67.4	19.7	75.1	24.0	91.0	32.8	1965.+	59.5	15.3	48.0	8.9 1967.
27	66.9	19.4	74.8	23.8	97.0	36.1	1965.	58.9	14.9	48.0	8.9 1976.+
28	67.3	19.6	74.9	23.8	87.0	30.6	1985.+	59.7	15.4	48.0	8.9 1961.
29	67.8	19.9	75.2	24.0	93.0	33.9	1969.	60.5	15.8	51.0	10.6 1946.
30	67.8	19.9	75.0	23.9	92.0	33.3	1969.	60.5	15.9	49.0	9.4 1985.
31	68.7	20.4	76.2	24.5	91.0	32.8	1956.	61.2	16.2	47.0	8.3 1967.
MONTH	64.7	18.2	73.0	22.8	97.0	36.1	1965.	56.4	13.5	36.0	2.2 1966.

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JUN

MEAN TEMPERATURE | MAXIMUM TEMPERATURE | MINIMUM TEMPERATURE

DAY	AVERAGE		EXTREME		DATE		AVERAGE		EXTREME		DATE	
	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C
1	69.6	20.9	77.8	25.4	91.0	32.8	1986.	61.3	16.3	45.0	7.2	1967.
2	70.0	21.1	78.3	25.7	94.0	34.4	1951.	61.7	16.5	48.0	8.9	1953.
3	68.9	20.5	76.7	24.8	89.0	31.7	1980.	61.1	16.2	52.0	11.1	1986.*
4	68.8	20.5	76.8	24.9	90.0	32.2	1981.	60.9	16.0	53.0	11.7	1976.
5	70.1	21.2	78.5	25.8	89.0	31.7	1953.	61.6	16.5	50.0	10.0	1945.
6	71.3	21.8	79.6	26.5	92.0	33.3	1952.	62.9	17.2	51.0	10.6	1945.
7	71.9	22.2	80.0	26.7	94.0	34.4	1980.	63.8	17.7	54.0	12.2	1945.
8	71.9	22.2	80.3	26.8	94.0	34.4	1986.	63.6	17.5	51.0	10.6	1977.
9	72.4	22.5	80.7	27.1	95.0	35.0	1952.	64.2	17.9	53.0	11.7	1980.
10	72.8	22.7	81.3	27.4	101.0	38.3	1964.*	64.3	17.9	54.0	12.2	1972.
11	72.8	22.7	81.2	27.4	91.0	32.8	1986.*	64.4	18.0	50.0	10.0	1972.
12	73.5	23.1	82.0	27.8	98.0	36.7	1986.	65.0	18.4	53.0	11.7	1979.
13	73.0	22.8	80.9	27.2	94.0	34.4	1984.	65.1	18.4	53.0	11.7	1980.
14	72.6	22.6	80.6	27.0	93.0	33.9	1964.	64.6	18.1	52.0	11.1	1979.
15	72.9	22.7	80.9	27.2	99.0	37.2	1964.	64.8	18.2	55.0	12.8	1985.*
16	72.8	22.7	80.6	27.0	95.0	35.0	1981.	65.1	18.4	54.0	12.2	1965.
17	72.0	22.2	79.5	26.4	94.0	34.4	1952.	64.5	18.0	53.0	11.7	1959.
18	72.5	22.5	80.2	26.8	95.0	35.0	1957.	64.8	18.2	55.0	12.8	1965.
19	73.4	23.0	81.7	27.6	96.0	35.6	1952.	65.2	18.4	56.0	13.3	1980.*
20	73.5	23.1	81.0	27.2	97.0	36.1	1964.*	66.1	18.9	56.0	13.3	1979.
21	73.9	23.3	81.6	27.6	90.0	32.2	1964.*	66.1	19.0	56.0	13.3	1979.
22	74.4	23.5	82.3	27.9	95.0	35.0	1981.	66.5	19.2	56.0	13.3	1963.
23	75.1	23.9	83.1	28.4	93.0	33.9	1969.	67.1	19.5	56.0	13.3	1947.
24	76.1	24.5	84.7	29.3	95.0	35.0	1950.*	67.6	19.8	55.0	12.8	1972.
25	76.3	24.6	84.5	29.2	95.0	35.0	1981.*	68.0	20.0	57.0	13.9	1979.
26	75.5	24.2	83.6	28.7	99.0	37.2	1952.	67.5	19.7	53.0	11.7	1979.
27	76.3	24.6	85.0	29.4	97.0	36.1	1952.	67.7	19.9	53.0	11.7	1979.
28	76.2	24.6	84.3	29.1	98.0	36.7	1969.	68.1	20.1	53.0	11.7	1985.
29	76.7	24.9	85.2	29.6	99.0	37.2	1959.	68.3	20.2	58.0	14.4	1974.
30	77.5	25.3	85.6	29.8	97.0	36.1	1945.	69.4	20.8	62.0	16.7	1981.*
MONTH	73.2	22.9	81.3	27.4	101.0	38.3	1964.	65.0	18.4	45.0	7.2	1967.

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

* = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JUL

MEAN TEMPERATURE | MAXIMUM TEMPERATURE | MINIMUM TEMPERATURE

DAY	AVERAGE		EXTREME		DATE		AVERAGE		EXTREME		DATE	
	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C
1	77.7	25.4	85.3	29.6	96.0	35.6	1953.	70.1	21.2	62.0	16.7	1972.*
2	77.3	25.2	85.7	29.8	100.0	37.8	1953.	68.9	20.5	55.0	12.8	1952.
3	77.9	25.5	86.4	30.2	100.0	37.8	1954.	69.5	20.8	62.0	16.7	1978.*
4	76.7	24.8	84.7	29.3	99.0	37.2	1970.	68.6	20.4	58.0	14.4	1967.
5	77.1	25.1	85.4	29.7	97.0	36.1	1980.	68.8	20.4	58.0	14.4	1967.
6	76.4	24.7	84.2	29.0	96.0	35.6	1986.	68.6	20.3	57.0	13.9	1979.
7	76.3	24.6	84.1	29.0	96.0	35.6	1986.	68.5	20.3	58.0	14.4	1972.
8	76.6	24.8	84.4	29.1	96.0	35.6	1982.	68.7	20.4	56.0	13.3	1972.
9	76.8	24.9	84.5	29.2	96.0	35.6	1986.	69.1	20.6	58.0	14.4	1984.
10	76.7	24.8	84.2	29.0	95.0	35.0	1966.	69.1	20.6	59.0	15.0	1963.
11	76.3	24.6	83.6	28.7	97.0	36.1	1966.	69.0	20.5	59.0	15.0	1963.
12	76.8	24.9	84.7	29.3	98.0	36.7	1986.	68.9	20.5	60.0	15.6	1978.*
13	77.7	25.4	85.6	29.8	99.0	37.2	1986.	69.7	21.0	57.0	13.9	1978.
14	78.3	25.7	85.9	29.9	95.0	35.0	1986.*	70.7	21.5	62.0	16.7	1963.
15	78.0	25.5	85.5	29.7	97.0	36.1	1983.	70.5	21.4	64.0	17.8	1976.
16	78.3	25.7	85.4	29.7	101.0	38.3	1980.	71.2	21.8	64.0	17.8	1967.
17	78.4	25.8	86.0	30.0	103.0	39.4	1980.	70.8	21.5	61.0	16.1	1946.
18	78.7	26.0	86.6	30.3	96.0	35.6	1986.*	70.9	21.6	64.0	17.8	1976.*
19	79.3	26.3	87.3	30.7	95.0	35.0	1963.*	71.2	21.8	63.0	17.2	1985.*
20	79.0	26.1	86.3	30.1	99.0	37.2	1980.	71.6	22.0	62.0	16.7	1984.
21	78.7	25.9	86.4	30.2	98.0	36.7	1980.*	71.0	21.7	61.0	16.1	1965.
22	78.8	26.0	86.3	30.2	98.0	36.7	1952.	71.2	21.8	62.0	16.7	1965.
23	78.3	25.7	85.7	29.9	100.0	37.8	1952.	71.0	21.6	61.0	16.1	1947.
24	77.9	25.5	85.5	29.7	99.0	37.2	1968.	70.3	21.3	60.0	15.6	1985.*
25	77.8	25.4	85.2	29.6	95.0	35.0	1965.	70.4	21.3	62.0	16.7	1947.
26	78.1	25.6	85.3	29.6	96.0	35.6	1982.*	70.8	21.6	61.0	16.1	1976.
27	78.7	25.9	86.3	30.2	96.0	35.6	1963.	71.1	21.7	62.0	16.7	1962.
28	79.4	26.3	87.0	30.6	98.0	36.7	1966.	71.8	22.1	57.0	13.9	1977.
29	77.9	25.5	84.9	29.4	95.0	35.0	1986.	70.8	21.6	64.0	17.8	1984.*
30	77.6	25.3	85.1	29.5	99.0	37.2	1953.	70.0	21.1	62.0	16.7	1981.
31	78.7	25.9	86.1	30.1	98.0	36.7	1954.	71.3	21.8	61.0	16.1	1956.
MONTH	77.8	25.4	85.5	29.7	103.0	39.4	1980.	70.1	21.2	55.0	12.8	1952.

NOTES :

T = TRACE AMOUNTS (<0.1, OR <0.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : AUG

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE			
AVERAGE		AVERAGE		EXTREME		AVERAGE		EXTREME		AVERAGE	
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE
1	78.5	25.9	86.3	30.2	98.0	36.7	1983.	70.8	21.5	62.0	16.7 1981.
2	78.0	25.5	85.5	29.7	96.0	35.6	1955.	70.5	21.4	63.0	17.2 1981.
3	77.6	25.4	85.1	29.5	97.0	36.1	1980.	70.2	21.2	59.0	15.0 1985.
4	77.4	25.2	84.6	29.2	97.0	36.1	1963.	70.2	21.2	60.0	15.6 1976.
5	76.7	24.9	84.1	29.0	96.0	35.6	1977.	69.3	20.7	60.0	15.6 1985.+
6	76.7	24.9	84.2	29.0	97.0	36.1	1977.+	69.3	20.7	59.0	15.0 1951.
7	77.4	25.2	84.7	29.3	97.0	36.1	1977.	70.1	21.2	61.0	16.1 1948.
8	77.8	25.5	85.1	29.5	95.0	35.0	1980.	70.5	21.4	62.0	16.7 1950.
9	78.3	25.7	86.0	30.0	97.0	36.1	1983.	70.7	21.5	60.0	15.6 1964.
10	78.5	25.8	86.1	30.1	96.0	35.6	1986.	70.9	21.6	63.0	17.2 1976.+
11	77.8	25.5	85.3	29.6	98.0	36.7	1983.	70.4	21.3	59.0	15.0 1972.
12	76.1	24.5	83.8	28.8	96.0	35.6	1977.	68.5	20.3	57.0	13.9 1974.
13	76.1	24.5	83.2	28.4	91.0	32.8	1975.+	69.0	20.6	59.0	15.0 1982.
14	77.2	25.1	84.6	29.2	99.0	37.2	1985.	69.7	20.9	60.0	15.6 1964.
15	77.6	25.3	85.2	29.6	99.0	37.2	1985.	70.0	21.1	57.0	13.9 1983.
16	77.5	25.3	85.0	29.4	97.0	36.1	1966.	70.0	21.1	59.0	15.0 1979.
17	76.8	24.9	84.2	29.0	97.0	36.1	1968.	69.5	20.8	59.0	15.0 1979.
18	76.1	24.5	82.7	28.2	95.0	35.0	1966.	69.5	20.9	62.0	16.7 1981.
19	76.2	24.5	83.0	28.3	95.0	35.0	1966.+	69.4	20.8	61.0	16.1 1953.
20	76.4	24.7	83.7	28.7	103.0	39.4	1983.	69.1	20.6	61.0	16.1 1976.
21	75.4	24.1	82.1	27.9	96.0	35.6	1959.	68.7	20.4	59.0	15.0 1984.
22	75.6	24.2	82.8	28.2	98.0	36.7	1983.	68.5	20.3	59.0	15.0 1984.
23	75.5	24.2	82.2	27.9	97.0	36.1	1964.	68.7	20.4	58.0	14.4 1985.
24	75.2	24.0	82.8	28.2	92.0	33.3	1978.	67.7	19.8	52.0	11.1 1985.
25	75.6	24.2	82.9	28.3	96.0	35.6	1968.	68.3	20.1	60.0	15.6 1977.+
26	75.6	24.2	83.6	28.7	93.0	33.9	1948.	67.5	19.7	58.0	14.4 1977.+
27	76.5	24.7	84.7	29.3	96.0	35.6	1983.	68.3	20.2	56.0	13.3 1945.
28	76.4	24.7	84.0	28.9	94.0	34.4	1970.+	68.8	20.4	55.0	12.8 1986.
29	76.7	24.8	84.4	29.1	97.0	36.1	1948.	69.0	20.5	53.0	11.7 1986.+
30	76.8	24.9	84.8	29.3	97.0	36.1	1953.	68.8	20.5	53.0	11.7 1986.
31	76.7	24.8	84.3	29.0	97.0	36.1	1980.+	69.1	20.6	55.0	12.8 1986.
MONTH	76.8	24.9	84.2	29.0	103.0	39.4	1983.	69.4	20.8	52.0	11.1 1985.

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : SEP

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE			
AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE		AVERAGE	
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE
1	75.7	24.3	82.9	28.3	98.0	36.7	1980.	68.5	20.3	58.0	14.4 1948.+
2	75.6	24.2	82.9	28.3	98.0	36.7	1980.	68.3	20.2	57.0	13.9 1948.
3	75.5	24.1	83.1	28.4	96.0	35.6	1984.	67.9	19.9	57.0	13.9 1967.
4	75.0	23.9	82.3	28.0	94.0	34.4	1985.+	67.7	19.8	58.0	14.4 1974.+
5	74.9	23.9	82.0	27.8	96.0	35.6	1985.	67.9	19.9	57.0	13.9 1982.
6	74.3	23.5	81.5	27.5	98.0	36.7	1983.	67.0	19.5	55.0	12.8 1984.
7	73.4	23.0	80.7	27.1	97.0	36.1	1983.	66.1	19.0	56.0	13.3 1984.+
8	72.5	22.5	79.7	26.5	94.0	34.4	1985.	65.3	18.5	51.0	10.6 1984.
9	72.5	22.5	80.0	26.7	93.0	33.9	1985.	65.0	18.4	54.0	12.2 1986.
10	72.9	22.7	80.7	27.1	97.0	36.1	1983.	65.1	18.4	55.0	12.8 1956.+
11	72.8	22.7	80.7	27.1	99.0	37.2	1983.	65.0	18.3	55.0	12.8 1976.+
12	73.0	22.8	80.7	27.1	92.0	33.3	1983.	65.2	18.5	56.0	13.3 1967.+
13	71.2	21.8	78.8	26.0	92.0	33.3	1952.	63.5	17.5	54.0	12.2 1968.
14	71.7	22.0	79.2	26.2	93.0	33.9	1952.	64.2	17.9	50.0	10.0 1953.
15	71.0	21.6	78.3	25.7	88.0	31.1	1970.+	63.6	17.6	50.0	10.0 1985.
16	70.0	21.1	77.0	25.0	94.0	34.4	1970.	63.0	17.2	53.0	11.7 1985.+
17	70.0	21.1	77.1	25.0	91.0	32.8	1958.	63.0	17.2	51.0	10.6 1986.
18	69.8	21.0	77.8	25.4	90.0	32.2	1982.+	61.8	16.5	49.0	9.4 1986.
19	71.2	21.8	78.5	25.9	93.0	33.9	1983.	63.8	17.7	47.0	8.3 1984.
20	70.3	21.3	77.3	25.2	91.0	32.8	1983.	63.2	17.3	52.0	11.1 1959.+
21	69.9	21.1	77.4	25.2	92.0	33.3	1974.	62.5	16.9	46.0	7.8 1956.
22	68.5	20.3	75.3	24.1	91.0	32.8	1980.	61.6	16.5	53.0	11.7 1962.+
23	67.1	19.5	74.4	23.6	92.0	33.3	1970.	59.7	15.4	45.0	7.2 1983.
24	66.8	19.3	74.3	23.5	89.0	31.7	1970.	59.3	15.1	48.0	8.9 1983.+
25	67.8	19.9	75.0	23.9	90.0	32.2	1970.	60.5	15.9	46.0	7.8 1950.
26	67.5	19.7	74.7	23.7	92.0	33.3	1986.	60.3	15.7	47.0	8.3 1950.
27	66.9	19.4	74.2	23.4	85.0	29.4	1986.	59.6	15.3	47.0	8.3 1947.
28	66.1	18.9	72.7	22.6	84.0	28.9	1973.	59.4	15.2	48.0	8.9 1984.
29	65.5	18.6	72.7	22.6	88.0	31.1	1973.+	58.4	14.6	48.0	8.9 1951.
30	65.5	18.6	72.6	22.6	90.0	32.2	1986.	58.3	14.6	46.0	7.8 1951.
MONTH	70.8	21.6	78.2	25.6	99.0	37.2	1983.	63.5	17.5	45.0	7.2 1983.

NOTES :

T = TRACE AMOUNTS (<.01. OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

Q13721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : OCT

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE				
DAY	AVERAGE		DATE	AVERAGE		DATE	AVERAGE		DATE			
	DEG F	DEG C		DEG F	DEG C		DEG F	DEG C				
1	65.7	18.7	72.6	22.6	91.0	32.8	1986.	58.8	14.9	40.0	4.4	1947.
2	64.8	18.2	72.7	22.6	87.0	30.6	1986.+	57.0	13.9	44.0	6.7	1974.
3	64.2	17.9	71.9	22.2	93.0	33.9	1968.	56.5	13.6	40.0	4.4	1974.
4	63.8	17.7	71.5	22.0	92.0	33.3	1954.	56.1	13.4	38.0	3.3	1974.
5	64.3	17.9	72.4	22.4	90.0	32.2	1959.	56.2	13.4	40.0	4.4	1965.
6	63.3	17.4	71.5	21.9	87.0	30.6	1959.	55.2	12.9	40.0	4.4	1965.
7	62.8	17.1	70.3	21.3	83.0	28.3	1963.+	55.2	12.9	45.0	7.2	1954.
8	62.3	16.8	69.9	21.1	83.0	28.3	1982.+	54.7	12.6	44.0	6.7	1953.
9	63.2	17.3	70.5	21.4	85.0	29.4	1980.	55.8	13.2	39.0	3.9	1978.
10	61.7	16.5	69.2	20.7	86.0	30.0	1949.	54.1	12.3	38.0	3.3	1979.
11	61.4	16.3	69.1	20.6	88.0	31.1	1954.	53.7	12.0	38.0	3.3	1964.
12	61.8	16.6	69.8	21.0	87.0	30.6	1954.	53.9	12.2	39.0	3.9	1964.
13	61.5	16.4	68.9	20.5	89.0	31.7	1954.	54.2	12.3	40.0	4.4	1980.
14	61.7	16.5	69.4	20.8	85.0	29.4	1975.	53.9	12.2	40.0	4.4	1979.
15	61.5	16.4	70.1	21.2	87.0	30.6	1985.	52.9	11.6	38.0	3.3	1979.
16	60.4	15.8	68.5	20.3	80.0	26.7	1958.	52.3	11.3	40.0	4.4	1978.+
17	59.9	15.5	67.6	19.8	80.0	26.7	1963.	52.2	11.2	38.0	3.3	1977.
18	59.9	15.5	67.6	19.8	82.0	27.8	1963.	52.1	11.2	36.0	2.2	1977.
19	58.5	14.7	65.7	18.7	80.0	26.7	1985.	51.4	10.8	37.0	2.8	1972.
20	58.3	14.6	66.1	19.0	84.0	28.9	1969.	50.5	10.3	32.0	.0	1981.+
21	58.1	14.5	66.5	19.2	85.0	29.4	1984.	49.7	9.8	33.0	.6	1974.
22	59.2	15.1	66.8	19.4	83.0	28.3	1984.+	51.5	10.8	34.0	1.1	1974.
23	59.8	15.4	67.7	19.8	84.0	28.9	1978.	51.9	11.0	35.0	1.7	1969.
24	57.8	14.4	64.5	18.0	77.0	25.0	1975.+	51.2	10.7	33.0	.6	1969.
25	56.2	13.5	63.1	17.3	74.0	23.3	1985.+	49.3	9.6	36.0	2.2	1969.
26	55.8	13.2	63.2	17.3	82.0	27.8	1978.	48.4	9.1	36.0	2.2	1952.
27	56.0	13.3	63.9	17.7	82.0	27.8	1984.	48.1	8.9	35.0	1.7	1976.
28	56.3	13.5	64.0	17.8	84.0	28.9	1984.	48.5	9.2	34.0	1.1	1976.
29	56.0	13.3	63.5	17.5	83.0	28.3	1984.	48.5	9.2	30.0	-1.1	1965.
30	55.3	12.9	62.5	16.9	79.0	26.1	1970.+	48.0	8.9	32.0	.0	1952.
31	56.6	13.7	64.6	18.1	83.0	28.3	1946.	48.6	9.2	35.0	1.7	1968.
MONTH	60.3	15.7	67.9	20.0	93.0	33.9	1968.	52.6	11.4	30.0	-1.1	1965.

NOTES :

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THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : NOV

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE				
DAY	AVERAGE		DATE	EXTREME		AVERAGE	EXTREME		DATE	EXTREME		
	DEG F	DEG C		DEG F	DEG C		DEG F	DEG C		DEG F	DEG C	
1	57.1	13.9	65.0	18.3	83.0	28.3	1982.	49.2	9.5	33.0	.6	1954.
2	58.0	14.4	65.8	18.8	85.0	29.4	1968.	50.1	10.1	27.0	-2.8	1976.
3	56.4	13.6	64.3	17.9	77.0	25.0	1953.	48.5	9.2	32.0	.0	1951.
4	54.8	12.7	62.1	16.7	79.0	26.1	1982.+	47.5	8.6	31.0	-6.6	1951.
5	52.9	11.6	59.9	15.5	79.0	26.1	1975.	45.9	7.7	33.0	.6	1976.
6	50.8	10.4	58.5	14.7	78.0	25.6	1948.	43.1	6.2	29.0	-1.7	1976.
7	51.2	10.7	59.3	15.2	78.0	25.6	1975.	43.1	6.2	30.0	-1.1	1953.
8	51.6	10.9	60.0	15.5	79.0	26.1	1975.	43.1	6.2	29.0	-1.7	1976.+
9	52.3	11.3	60.5	15.8	79.0	26.1	1986.	44.2	6.8	24.0	-4.4	1976.
10	51.6	10.9	58.9	15.0	78.0	25.6	1966.	44.3	6.9	33.0	.6	1973.
11	50.5	10.3	57.7	14.3	76.0	24.4	1949.	43.3	6.3	32.0	.0	1976.+
12	50.6	10.3	57.8	14.3	73.0	22.8	1982.	43.5	6.4	30.0	-1.1	1957.
13	50.3	10.1	57.5	14.2	78.0	25.6	1985.	43.0	6.1	28.0	-2.2	1986.
14	51.1	10.6	59.2	15.1	78.0	25.6	1955.	43.0	6.1	26.0	-3.3	1986.
15	49.5	9.7	57.1	13.9	80.0	26.7	1973.	41.9	5.5	26.0	-3.3	1967.
16	50.7	10.4	58.8	14.9	78.0	25.6	1955.	42.6	5.9	23.0	-5.0	1967.
17	49.5	9.7	57.5	14.2	72.0	22.2	1955.	41.4	5.2	28.0	-2.2	1959.
18	49.1	9.5	57.0	13.9	74.0	23.3	1979.	41.2	5.1	23.0	-5.0	1959.
19	49.0	9.5	56.9	13.8	73.0	22.8	1985.+	41.2	5.1	26.0	-3.3	1951.
20	48.4	9.1	56.0	13.3	76.0	24.4	1985.	40.9	4.9	26.0	-3.3	1951.
21	46.8	8.2	54.3	12.4	72.0	22.2	1956.	39.4	4.1	24.0	-4.4	1969.
22	46.0	7.8	53.6	12.0	73.0	22.8	1983.+	38.4	3.5	21.0	-6.1	1969.
23	45.7	7.6	53.9	12.2	74.0	23.3	1979.	37.6	3.1	23.0	-5.0	1984.
24	47.2	8.5	55.2	12.9	72.0	22.2	1979.+	39.2	4.0	21.0	-6.1	1970.+
25	44.8	7.1	52.4	11.3	80.0	26.7	1973.	37.3	2.9	20.0	-6.7	1950.
26	45.1	7.3	53.2	11.8	73.0	22.8	1946.	37.0	2.8	19.0	-7.2	1950.
27	47.0	8.3	54.8	12.7	71.0	21.7	1985.	39.2	4.0	26.0	-3.3	1977.+
28	46.9	8.3	54.5	12.5	77.0	25.0	1973.	39.4	4.1	23.0	-5.0	1955.
29	43.7	6.5	51.3	10.7	72.0	22.2	1968.	36.0	2.2	16.0	-8.9	1955.
30	41.1	5.0	48.2	9.0	64.0	17.8	1973.	34.0	1.1	20.0	-6.7	1976.+
MONTH	49.7	9.8	57.4	14.1	85.0	29.4	1968.	42.0	5.5	16.0	-8.9	1955.

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
 PERIOD OF RECORD : 1945-1986 MONTH : DEC

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE				
DAY	AVERAGE		DATE	EXTREME		DATE	AVERAGE		DATE	EXTREME		
	DEG F	DEG C		DEG F	DEG C		DEG F	DEG C		DEG F	DEG C	
1	40.9	5.0	48.6	9.2	71.0	21.7	1946.	33.3	.7	20.0	-6.7	1976.+
2	42.2	5.6	50.3	10.2	67.0	19.4	1980.	34.0	1.1	23.0	-5.0	1964.
3	43.6	6.4	50.6	10.4	71.0	21.7	1950.	36.5	2.5	17.0	-8.3	1966.
4	44.3	6.8	52.2	11.2	76.0	24.4	1982.	36.4	2.4	14.0	-10.0	1966.
5	44.0	6.7	51.9	11.0	73.0	22.8	1982.	36.1	2.3	22.0	-5.6	1966.
6	43.8	6.6	51.8	11.0	71.0	21.7	1982.+	35.8	2.1	22.0	-5.6	1954.
7	43.2	6.2	50.9	10.5	74.0	23.3	1956.	35.5	1.9	20.0	-6.7	1954.
8	44.2	6.8	52.2	11.2	74.0	23.3	1978.+	36.2	2.3	20.0	-6.7	1954.
9	42.4	5.8	50.1	10.1	74.0	23.3	1951.	34.6	1.5	19.0	-7.2	1976.
10	40.8	4.9	47.9	8.8	75.0	23.9	1966.	33.7	1.0	15.0	-9.4	1968.
11	39.9	4.4	46.8	8.2	68.0	20.0	1971.	33.1	.6	15.0	-5.4	1968.
12	41.2	5.1	48.2	9.0	71.0	21.7	1979.	34.2	1.2	14.0	-10.0	1957.
13	41.2	5.1	48.7	9.3	67.0	19.4	1956.	33.7	1.0	12.0	-11.1	1960.
14	39.4	4.1	46.5	8.0	64.0	17.8	1948.	32.3	.1	13.0	-10.6	1960.
15	38.8	3.8	45.8	7.7	70.0	21.1	1971.	31.8	-.1	13.0	-10.6	1958.
16	38.6	3.7	45.9	7.7	75.0	23.9	1971.	31.3	-.4	10.0	-12.2	1958.
17	38.3	3.5	45.9	7.7	69.0	20.6	1984.	30.7	-.7	15.0	-5.4	1951.
18	37.8	3.2	45.6	7.5	72.0	22.2	1984.	30.1	-1.1	18.0	-7.8	1953.
19	37.3	2.9	44.3	6.8	63.0	17.2	1957.	30.2	-1.0	16.0	-8.9	1964.+
20	37.1	2.8	43.9	6.6	63.0	17.2	1972.	30.3	-.9	14.0	-10.0	1963.
21	37.4	3.0	43.9	6.6	67.0	19.4	1956.	30.9	-.6	13.0	-10.6	1980.
22	36.9	2.7	43.8	6.5	68.0	20.0	1949.	30.0	-1.1	11.0	-11.7	1985.
23	38.6	3.7	46.7	8.2	66.0	18.9	1981.	30.5	-.8	18.0	-7.8	1960.+
24	39.5	4.2	46.5	8.1	65.0	18.3	1982.+	32.5	.3	6.0	-14.4	1983.
25	37.9	3.3	45.2	7.4	72.0	22.2	1982.+	30.6	-.8	6.0	-14.4	1983.
26	37.9	3.3	45.5	7.5	72.0	22.2	1982.	30.2	-1.0	6.0	-14.4	1983.
27	37.7	3.2	44.7	7.1	68.0	20.0	1973.+	30.7	-.7	16.0	-8.9	1977.+
28	39.6	4.2	47.5	8.6	77.0	25.0	1984.	31.8	-.1	17.0	-8.3	1966.
29	39.6	4.2	47.0	8.3	76.0	24.4	1984.	32.2	.1	18.0	-7.8	1977.
30	38.7	3.7	46.1	7.8	70.0	21.1	1971.	31.4	-.4	16.0	-8.9	1976.
31	37.6	3.1	44.4	6.9	72.0	22.2	1965.	30.9	-.6	15.0	-5.4	1983.+
MONTH	40.0	4.5	47.4	8.6	77.0	25.0	1984.	32.6	.3	6.0	-14.4	1983.+

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

30 - EXTREME VALUES

MAXIMUM TEMPERATURE (DEG F)
(FROM DAILY OBS)013721 PATUMENT RIVER, MD
PERIOD OF RECORD : 1945-1986LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	85	79	86	97	95	91	89	79	PART	55	PART
1946	66	74	75	80	86	91	94	90	89	83	76	73	94
1947	72	57	69	84	89	89	92	98	90	82	65	61	98
1948	56	78	85	80	85	95	94	97	87	77	78	66	97
1949	72	75	82	85	88	94	95	95	86	86	76	68	95
1950	78	PART	73	80	87	95	92	91	88	82	82	71	PART
1951	71	69	70	86	84	94	94	91	89	89	75	PART	MISS
1952	PART	60	75	87	85	99	100	92	93	86	PART	59	PART
1953	72	67	68	86	91	91	100	97	95	79	77	PART	MISS
1954	70	76	75	86	85	98	100	95	95	92	68	66	100
1955	65	63	79	85	92	90	97	97	85	83	78	68	97
1956	65	68	72	85	93	93	94	95	93	79	74	74	95
1957	68	68	65	84	89	95	96	92	91	74	73	66	96
1958	55	61	55	77	83	91	93	92	91	83	73	62	93
1959	69	70	75	87	90	99	93	96	89	90	78	61	99
1960	63	68	75	91	85	92	93	94	86	78	70	60	94
1961	55	72	82	84	87	89	90	88	89	80	71	59	90
1962	57	61	74	81	90	90	88	93	90	83	60	55	93
1963	62	57	78	82	94	94	96	97	91	83	71	61	97
1964	68	62	80	90	94	101	94	97	93	75	76	72	101
1965	65	66	70	85	97	95	95	91	88	76	74	72	97
1966	67	64	80	80	89	94	99	97	94	84	78	75	99
1967	73	70	79	90	86	95	95	92	82	84	72	65	95
1968	59	56	78	79	86	92	99	97	87	PART	85	68	PART
1969	67	50	77	91	93	98	94	92	89	84	65	60	98
1970	69	61	62	82	88	93	PART	94	94	84	65	66	PART
1971	62	70	74	78	83	90	91	91	86	80	83	75	91
1972	66	68	80	86	83	87	92	89	88	79	78	65	92
1973	61	60	77	89	87	90	92	94	89	84	80	71	94
1974	75	70	80	91	90	92	93	88	92	80	80	66	93
1975	74	65	68	77	87	91	91	95	87	86	79	71	95
1976	63	80	81	87	83	88	92	92	90	77	73	67	92
1977	53	74	83	84	87	89	95	97	89	83	73	60	97
1978	60	46	77	86	86	86	97	93	92	84	73	74	97
1979	64	52	84	72	82	88	89	93	88	84	74	71	93
1980	60	60	70	78	88	96	103	97	98	85	74	71	103
1981	61	75	80	85	90	95	95	94	92	86	73	66	95
1982	64	68	73	82	86	90	96	92	90	83	83	76	96
1983	60	59	82	88	89	93	103	103	99	84	73	62	103
1984	63	71	65	76	91	94	96	93	96	85	70	77	96
1985	65	81	86	92	88	92	95	99	96	87	78	68	99
1986	69	69	78	81	92	98	99	96	92	91	79	62	99

MEAN 65.1 66.0 75.6 83.8 88.0 92.9 94.8 94.0 90.4 82.8 74.6 66.5 96.1
S.D. 5.909 7.998 6.673 4.674 3.457 3.537 3.221 3.143 3.582 4.122 5.334 5.983 3.138
TOT OBS 40 40 42 42 42 42 41 42 42 41 41 40 35

MAXIMUM TEMPERATURE (DEG F)
(FROM DAILY OBS)

013721 PAYUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
													MAX TEMP
													# DAYS
1945											78.		
											29		
1950		62.											MAX TEMP
		27											# DAYS
1951												74.	MAX TEMP
												29	# DAYS
1952	74.										71.		MAX TEMP
	30										29		# DAYS
1953												68.	MAX TEMP
												30	# DAYS
1968										93.			MAX TEMP
										30			# DAYS
1970													MAX TEMP
							99.						# DAYS
							21						

MINIMUM TEMPERATURE (DEG F)
(FROM DAILY OBS)013721 PATUXENT RIVER, MD
PERIOD OF RECORD: 1945-1986LAT.: 38 17N LONG.: 76 24W ELEV.: 40 FT
PAGE: 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	33	36	42	50	61	56	56	42	PART	16	MISS
1946	17	18	32	38	44	53	61	58	54	46	34	23	17
1947	14	8	26	34	39	53	61	67	47	40	29	25	8
1948	10	16	20	37	47	56	60	60	56	38	36	17	10
1949	23	26	25	37	49	56	66	63	49	43	26	25	23
1950	24	PART	17	26	45	54	64	62	46	44	19	16	MISS
1951	16	12	28	34	48	55	60	59	46	44	26	PART	MISS
1952	PART	27	25	35	44	56	55	58	51	32	PART	22	MISS
1953	25	24	32	32	52	48	64	61	50	43	30	PART	MISS
1954	16	20	22	29	42	55	61	59	55	40	31	19	16
1955	14	13	24	35	46	56	63	65	57	40	16	17	13
1956	22	22	25	32	42	55	61	60	46	46	21	25	21
1957	10	25	30	32	42	55	62	63	49	35	30	14	10
1958	18	7	30	37	48	54	67	65	53	43	20	10	7
1959	11	15	29	37	45	53	66	63	52	42	23	22	11
1960	20	21	16	33	45	58	64	62	58	38	30	12	12
1961	7	10	25	31	45	58	60	62	55	42	33	22	7
1962	12	17	20	36	50	61	62	62	53	38	36	15	12
1963	9	10	30	44	44	56	59	58	48	43	34	14	9
1964	14	22	26	32	46	52	62	58	53	36	22	16	14
1965	-3	9	19	30	52	54	60	54	54	30	27	25	-3
1966	12	12	25	35	36	50	64	63	53	40	30	14	12
1967	10	12	15	37	43	45	58	61	49	39	23	21	10
1968	9	10	21	36	43	58	64	59	PART	PART	27	15	MISS
1969	10	18	21	28	44	58	63	61	49	33	21	21	10
1970	4	10	23	33	41	58	PART	64	49	41	21	22	MISS
1971	14	9	27	35	44	59	64	63	58	51	31	24	9
1972	7	19	26	30	49	50	56	59	55	35	27	22	7
1973	18	12	28	37	43	56	62	62	54	40	32	21	12
1974	21	21	27	35	44	55	65	57	48	32	26	26	21
1975	23	22	23	31	45	58	64	65	56	38	36	20	20
1976	14	18	30	35	44	52	60	59	54	34	20	16	14
1977	-3	11	29	31	39	51	57	58	55	36	26	16	-3
1978	11	15	17	39	40	54	57	65	51	38	32	23	11
1979	12	6	24	34	44	52	57	59	54	38	26	19	6
1980	20	15	13	31	44	53	65	62	50	37	27	10	10
1981	7	12	24	36	43	59	60	60	49	32	26	14	7
1982	-2	19	24	27	48	56	63	53	49	38	33	19	-2
1983	17	19	32	34	40	53	61	57	45	38	29	6	6
1984	5	22	22	35	44	52	58	59	47	43	23	22	5
1985	-2	18	28	29	43	53	60	52	50	40	34	11	-2
1986	11	15	15	35	38	52	62	53	49	43	26	21	11

MEAN 12.4 15.9 24.3 33.8 44.2 54.3 61.4 60.1 51.5 39.3 27.5 18.4 10.0
 S.D. 7.334 5.604 4.970 3.501 3.473 3.213 2.864 3.475 3.606 4.395 5.189 4.904 6.373
 TOT OBS 40 40 42 42 42 42 41 42 41 41 40 40 35

31 - EXTREME VALUES

MINIMUM TEMPERATURE (DEG F)
(FROM DAILY OBS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
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YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL MIN TEMP # DAYS
1943											27.		
1950		17.									29		
		27											MIN TEMP # DAYS
1951													
												14.	MIN TEMP # DAYS
1952		16.									27.		
		30									29		MIN TEMP # DAYS
1953													
												18.	MIN TEMP # DAYS
1968									53.	35.			MIN TEMP # DAYS
									29	30			
1970							66.						MIN TEMP # DAYS
							21						

32 - YEAR/MONTH VALUES

HEATING DEGREE DAYS (BASE 65 DEG F)
(FROM DAILY OBS)O13721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	349	204	130	25	0	0	6	192	MISS	958	MISS
1946	834	691	401	303	90	10	0	0	5	119	335	655	3443
1947	659	905	774	311	115	4	0	0	58	64	537	838	4265
1948	1083	763	561	310	80	7	0	0	13	258	349	701	4125
1949	656	569	569	312	80	1	0	0	31	77	452	681	3428
1950	498	MISS	717	404	104	0	0	0	44	107	489	874	MISS
1951	761	749	613	318	89	9	0	0	19	130	579	MISS	MISS
1952	MISS	670	640	268	94	0	0	0	9	275	MISS	766	MISS
1953	731	645	564	305	25	13	0	0	16	127	462	MISS	MISS
1954	860	599	611	206	131	0	0	0	5	170	532	815	3929
1955	905	750	523	208	66	13	0	0	3	143	524	918	4053
1956	930	640	632	387	135	7	0	0	49	112	481	537	3910
1957	958	664	615	254	67	6	0	0	34	267	427	685	3977
1958	954	929	734	295	70	9	0	0	15	191	415	983	4595
1959	906	735	602	256	50	6	0	0	19	168	511	696	3949
1960	799	729	930	228	93	0	0	0	4	191	478	964	4416
1961	1016	745	563	411	114	0	0	0	8	130	472	852	4311
1962	897	827	644	310	50	0	0	0	41	137	513	926	4345
1963	972	920	511	237	66	7	0	0	77	114	383	955	4242
1964	819	775	544	372	79	10	0	0	11	293	380	735	4022
1965	924	733	678	384	37	27	0	5	19	271	478	645	4205
1966	913	759	577	402	132	13	0	0	19	204	448	829	4296
1967	728	833	673	270	226	15	0	0	46	237	617	793	4438
1968	1053	899	586	300	123	0	0	0	2	MISS	421	852	MISS
1969	968	810	721	239	76	0	0	0	12	248	573	895	4542
1970	1073	786	706	325	77	0	MISS	0	16	120	455	778	MISS
1971	966	742	727	360	84	0	0	0	4	22	415	555	3875
1972	727	753	612	331	63	13	0	0	1	234	467	625	3826
1973	850	802	430	204	86	0	0	0	7	115	370	672	3536
1974	702	727	511	232	89	5	0	0	32	290	490	695	3773
1975	754	662	651	449	108	0	0	0	6	73	279	669	3651
1976	853	473	422	243	130	15	0	0	6	277	658	822	3899
1977	1262	746	427	237	75	4	0	0	2	275	419	820	4267
1978	1022	1030	711	327	138	4	0	0	15	219	416	711	4593
1979	919	1052	550	326	60	7	0	0	11	242	344	680	4191
1980	871	873	671	252	57	0	0	0	10	235	537	820	4326
1981	1075	713	649	205	114	0	0	0	1	20	253	469	4346
1982	1086	744	626	369	18	1	0	2	11	204	394	583	4038
1983	828	746	508	358	102	2	0	0	34	163	418	825	3984
1984	1005	618	710	321	100	2	0	0	43	64	537	568	3968
1985	1029	751	519	203	57	3	0	0	17	109	278	848	3814
1986	904	797	562	307	68	4	0	9	13	158	473	747	4042

COOLING DEGREE DAYS (BASE 65 DEG F)
(FROM DAILY OBS)013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	43	19	64	294	344	325	274	15	MISS	C	MISS
1946	0	0	0	9	81	226	351	269	190	37	6	0	1169
1947	0	0	0	20	121	202	348	436	278	60	0	C	1465
1948	0	0	16	11	74	243	407	337	176	7	10	0	1281
1949	0	1	9	7	74	296	480	406	143	81	0	C	1497
1950	7	MISS	1	8	42	253	372	332	159	31	16	0	MISS
1951	0	0	0	13	49	245	407	346	192	60	1	MISS	MISS
1952	MISS	0	0	19	61	341	487	387	179	15	MISS	C	MISS
1953	0	0	0	12	153	292	481	360	186	21	0	MISS	MISS
1954	0	3	0	28	69	288	428	362	273	136	0	C	1587
1955	0	0	0	12	118	181	527	459	206	37	4	C	1544
1956	0	0	0	22	80	280	382	366	174	21	4	0	1329
1957	0	0	0	41	124	324	428	301	249	2	0	C	1469
1958	0	0	0	8	51	175	441	344	150	24	0	0	1193
1959	0	0	0	25	156	323	410	470	269	124	6	C	1783
1960	0	0	0	72	66	251	314	391	184	21	0	0	1299
1961	0	0	5	13	34	218	378	312	285	33	0	0	1278
1962	0	0	0	16	127	241	298	321	125	21	0	0	1149
1963	0	0	0	20	141	197	357	342	95	30	0	C	1182
1964	0	0	0	16	142	303	380	312	168	3	1	C	1325
1965	0	0	0	5	125	228	341	335	202	5	0	0	1241
1966	0	0	0	3	61	292	480	406	179	11	10	0	1442
1967	0	0	0	27	24	214	382	305	72	16	0	C	1040
1968	0	0	0	0	43	268	453	470	161	MISS	6	0	MISS
1969	0	0	0	31	89	326	398	393	227	30	0	0	1494
1970	0	0	0	6	106	283	MISS	474	348	53	0	0	MISS
1971	0	0	0	0	69	332	429	391	271	87	23	0	1602
1972	0	0	0	11	65	190	365	350	217	18	4	C	1220
1973	0	0	3	42	72	298	394	416	246	62	9	C	1542
1974	0	0	3	28	82	174	402	350	139	7	6	C	1191
1975	0	0	0	5	110	291	380	437	182	66	23	C	1494
1976	0	2	0	33	29	234	291	327	165	13	0	0	1094
1977	0	0	9	30	103	209	430	391	216	11	5	C	1404
1978	0	0	0	2	58	221	334	464	214	23	0	0	1316
1979	0	0	8	0	76	146	356	354	192	28	1	0	1161
1980	0	0	0	1	127	244	476	474	291	25	0	0	1638
1981	0	0	0	27	70	339	417	331	167	19	0	C	1370
1982	0	0	0	8	95	220	450	317	165	41	12	2	1310
1983	0	0	0	22	78	278	486	470	262	39	0	C	1635
1984	0	0	0	1	99	315	345	385	165	65	0	2	1377
1985	0	2	15	52	119	232	420	367	230	51	9	0	1497
1986	0	0	0	2	144	324	505	330	200	76	3	C	1584

34 - YEAR/MONTH VALUES

MEAN TEMPERATURE (DEG F)
(FROM DAILY OBS)013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	55.1	58.8	62.8	73.9	76.0	75.4	73.9	59.2	51.2P	34.0	MISS
1946	38.0	40.3	52.0	55.1	64.7	72.1	76.3	73.6	71.1	62.3	54.0	43.8	58.6
1947	43.7	32.6	40.0	55.2	65.1	71.5	76.2	79.0	72.3	64.8	47.0	37.9	57.1
1948	30.0	37.7	47.4	55.0	64.8	72.8	78.1	75.8	70.4	56.9	53.6	42.3	57.1
1949	43.8	44.7	46.9	54.8	64.8	74.8	80.4	78.0	68.7	65.1	49.9	43.0	59.6
1950	49.1	39.8P	41.9	51.7	63.0	73.4	77.0	75.7	68.8	62.5	49.2	36.8	MISS
1951	40.4	38.2	45.2	54.8	63.7	72.8	78.1	76.1	70.7	62.7	45.7	42.2P	MISS
1952	41.4P	41.0	44.3	56.6	63.9	76.3	80.7	77.4	70.6	56.6	48.7P	40.2	MISS
1953	41.4	41.9	46.8	55.2	69.1	74.2	80.5	76.6	70.6	61.5	49.5	43.0P	MISS
1954	37.2	43.7	45.2	59.0	63.0	74.5	78.8	76.6	73.9	63.9	47.2	38.7	58.5
1955	35.8	38.2	48.1	58.4	66.6	70.5	82.0	79.8	71.7	61.5	47.6	35.3	58.0
1956	35.0	42.1	44.6	52.8	63.2	74.0	77.3	76.8	69.1	62.0	49.0	47.6	57.8
1957	34.0	41.2	45.1	57.8	66.8	75.5	78.8	74.7	72.1	56.4	50.7	42.5	58.0
1958	34.2	31.8	41.3	55.4	64.3	70.5	79.2	76.0	69.5	59.6	51.1	33.2	55.5
1959	35.7	38.7	45.5	57.2	68.4	75.5	78.2	80.1	73.3	63.5	48.1	42.5	58.9
1960	39.2	38.9	35.0	59.7	64.1	73.3	75.1	77.6	71.0	59.5	49.0	33.9	56.4
1961	32.2	38.3	47.0	51.7	62.4	72.2	77.1	75.0	74.2	61.8	49.2	37.5	56.5
1962	36.0	35.4	44.2	55.1	67.4	73.0	74.6	75.3	67.7	61.2	47.8	35.1	56.1
1963	33.6	32.1	48.5	57.7	67.4	71.3	76.5	76.0	65.5	62.2	52.2	34.1	56.4
1964	38.5	37.3	47.4	53.1	67.0	74.7	77.2	75.0	70.2	55.6	52.3	41.1	57.4
1965	35.1	38.8	43.1	52.3	67.8	71.6	76.0	75.6	71.0	56.4	49.0	44.0	56.7
1966	35.5	37.8	46.3	51.6	62.7	74.2	80.4	78.0	70.3	58.7	50.3	38.2	57.0
1967	41.5	35.2	43.2	56.8	58.4	71.6	77.3	74.8	65.8	57.8	44.4	39.4	55.5
1968	31.0	32.8	46.0	55.0	62.4	73.9	79.6	80.1	70.4	61.8P	51.1	37.5	MISS
1969	33.7	36.0	41.7	58.0	65.4	75.8	77.8	77.6	72.1	57.9	45.8	36.1	56.5
1970	30.3	36.9	42.2	54.3	65.9	74.4	79.8P	80.2	76.0	62.8	49.8	39.9	MISS
1971	33.8	38.5	41.5	53.0	64.5	76.0	78.8	77.6	73.8	67.0	51.9	47.0	58.6
1972	41.5	38.1	45.2	54.3	65.0	70.8	76.7	76.2	72.1	58.0	49.5	44.8	57.7
1973	37.5	36.3	51.2	59.5	64.5	74.9	77.7	78.4	72.9	63.2	52.9	43.3	59.4
1974	42.3	39.0	48.6	58.1	64.7	70.6	77.9	76.2	68.5	55.8	48.8	42.5	57.7
1975	40.6	41.3	44.0	50.1	65.0	74.6	77.2	79.0	70.8	64.7	56.4	43.4	58.9
1976	37.4	48.1	51.3	58.0	61.7	72.2	74.3	75.5	70.2	56.4	43.0	38.4	57.2
1977	24.2	38.3	51.5	58.0	65.9	71.8	78.8	77.6	72.1	56.4	51.1	38.5	57.0
1978	32.0	28.2	42.0	54.1	62.4	72.2	75.7	79.9	71.6	58.6	51.1	42.0	55.8
1979	35.3	27.4	47.5	54.1	65.5	69.6	76.4	76.4	71.0	58.0	53.5	43.0	56.5
1980	36.9	33.8	43.3	56.6	67.2	73.1	80.3	80.2	74.3	58.2	47.0	38.5	57.4
1981	30.3	39.5	44.0	59.0	63.5	76.2	78.4	75.6	69.8	57.4	49.3	37.6	56.7
1982	29.9	38.4	44.8	52.9	67.4	72.2	79.5	75.1	70.1	59.7	52.2	46.2	57.4
1983	38.2	38.3	48.6	53.7	64.2	74.1	80.6	80.1	72.5	61.0	51.0	38.3	58.4
1984	32.5	42.9	42.0	54.3	64.9	75.4	76.1	77.4	69.0	65.0	47.0	46.7	57.8
1985	31.8	38.2	48.7	59.9	67.0	72.6	78.5	76.8	72.0	63.1	56.0	37.6	58.5
1986	35.8	36.5	46.8	54.8	67.4	75.6	81.2	75.3	71.2	62.3	49.3	40.5	58.1

TOTAL PRECIPITATION (INCHES)
(FROM DAILY OBS)013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	.63	3.36	4.78	5.96	15.51	1.09	4.23	3.26	4.64	6.50	MISS
1946	1.31	1.61	3.05	3.10	6.25	4.78	2.52	3.93	5.27	2.21	2.60	2.89	39.52
1947	4.06	.97	2.02	4.15	3.40	4.25	2.54	4.65	2.76	1.58	7.01	1.96	39.35
1948	5.15	1.61	4.00	2.28	9.21	1.69	4.51	7.48	2.01	3.26	6.80P	5.23	MISS
1949	4.31	2.78	3.12	1.93	4.78	5.28	7.16	6.98	1.49P	4.19	3.15	1.44	MISS
1950	2.61	1.98P	4.76	1.66	5.32	2.10	5.67	3.64	4.29	1.69	1.80	2.43	MISS
1951	1.47	2.28	1.68	3.69	3.09	6.28	3.61	5.63	3.06	2.02	4.41	3.61P	MISS
1952	5.75P	3.13	5.02	6.74	3.31	1.67	2.82	4.08	3.74	1.86	5.23P	3.50	MISS
1953	3.71	3.05	5.12	3.01	4.19	1.61	1.87	8.45	2.04	2.87	2.33	2.78P	MISS
1954	3.02	2.39	2.40	3.12	3.00	.22	2.59	3.72	1.30	2.05	2.88	2.73	29.42
1955	1.28	2.64P	4.49	3.16	2.07	3.64	2.64	9.94	1.69	1.91	2.12	.86	MISS
1956	2.11	3.66	3.30	2.81	3.25	3.05	7.24	1.70	3.63	5.98	7.95	3.12	47.80
1957	3.27	3.95	2.98	2.67	2.13	3.32	1.41	6.17	3.35	3.84	4.32	5.65	43.06
1958	3.80	4.09	6.43	6.58	5.75	4.44	7.16	11.10	2.36	2.38	2.32	2.39	58.80
1959	1.43	1.55	2.70	2.80	1.18	1.84	8.01	2.02	.25	4.00	5.60	4.38	35.76
1960	2.49	3.92	2.88	3.12	5.49	3.69	10.47	1.89	6.43	2.24	1.72	2.87	47.21
1961	3.93	4.72	4.63	2.12	5.08	6.08	2.37	2.78	1.10	5.58	1.81	3.38	43.58
1962	4.16	4.00	3.51	2.82	1.14	1.40P	2.17	1.56	2.92	2.05	5.97	3.09	MISS
1963	1.75	1.44	5.37	1.28	1.98	5.77	1.27	.64	2.14	.00	4.86	1.75	28.25
1964	4.00	4.60	2.13	3.37	.53	5.30	2.99	1.67	3.45	3.79	2.27	2.64	36.74
1965	3.02	2.51	3.90	2.33	.49	3.38	3.42	4.97	2.80	.92	.31	.47	28.52
1966	4.32	3.19	.79	3.27	3.28	2.86	1.98	.61	7.29	5.02	1.17	3.18	36.96
1967	1.43	2.38	2.01	1.17	4.56	1.39	3.89	5.91	1.23	1.36	1.69	4.39	31.41
1968	2.92	.32	4.69	1.05	3.33	3.04	1.27	3.14	3.58	1.70	3.86	2.29	31.19
1969	2.09	2.33	2.68	3.25	1.97	1.88	9.52	9.42	2.52	1.04	1.25	6.35	44.34
1970	1.64	2.17	3.73	3.50	1.56	2.72	4.47P	1.57	2.17	1.37	3.17	3.08	MISS
1971	2.13	4.43	2.26	1.84	9.80	1.83	3.28	6.10	1.01	5.18	3.41	.99	42.26
1972	2.38P	5.93	2.38	3.24	6.28	7.34	2.59	4.07	1.79	3.56	4.93	3.65	MISS
1973	2.86	2.97	2.69	3.12	2.28	1.74	1.61	4.12	1.78	2.74	1.19	4.73	31.73
1974	2.71	1.40	5.25	1.34	3.35	3.66	1.06	6.84	4.56	.71	.71	4.48	36.07
1975	4.63	2.79	6.03	2.14	3.33	4.19	4.87	3.53	7.99	4.56	2.31	3.97	50.34
1976	4.03	1.31	1.96	.94	3.76	.92	2.69	.95	7.47	4.92	1.27	2.24	32.46
1977	2.09	.81	1.90	1.52	1.94	5.28	2.02	3.13	2.59	4.16	3.88	5.31	34.63
1978	6.17	1.01	6.65	2.99	5.24	3.39	5.62	2.90	.09	.69	2.61	4.07	41.43
1979	5.99	7.02	3.10	2.69	6.43	4.18	5.75	9.16	7.53	2.84	4.67	1.44	60.80
1980	3.69	1.15	7.00	3.40	2.13	.96	4.70	2.18	2.46	6.61	2.49	.68	37.45
1981	.45	4.39	1.38	4.48	4.88	4.14	5.65	1.31	3.26	2.40	.67	3.91	36.92
1982	3.38	4.47	3.56	3.85	3.76	6.06	4.01	2.95	5.46	2.02	4.44	2.51	46.47
1983	1.88	3.53	6.81	8.23	5.18	7.39	.83	2.98	3.97	5.14	4.53	7.12	57.59
1984	3.23	4.22	10.16	4.76	10.99	1.77	3.29	4.49	1.50	5.25	3.65	1.59	54.90
1985	2.90	3.39	2.02	.42	4.15	1.75	2.18	6.98	6.14	4.07	5.67	.56	40.23
1986	3.15	2.67	.92	.95	1.92	1.40	1.69	5.82	1.23	2.50	2.94	6.96	32.15

36 - WEATHER CONDITIONS

ATMOSPHERIC PHENOMENON
(FROM DAILY OBSERVATIONS)013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1985-1986LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : ALL

MONTH	HOURS (LST)	TSTM	RAIN		FREEZE		SNOW L/DR SLEET	HAIL	% OF OBS WITH PRECIP		FOG	SMOKE		BLOWING SNOW	DUST & OBS.		TOTAL NO. OF OBS.
			L/DR	DRIZZLE	RAIN & FREEZE	DRIZZLE			L/DR	HAZE		L/DR	VISION				
JAN	DAILY	.7	39.8		.0		19.8	.2	48.6		42.0	30.1		2.8	.0	52.6	1053
FEB	DAILY	1.9	37.0		.0		17.1	.4	44.4		39.6	31.8		2.2	.0	52.7	953
MAR	DAILY	3.8	45.3		.0		9.6	.6	48.9		40.8	32.7		1.1	.0	52.5	1087
APR	DAILY	8.5	47.2		.0		1.3	.3	47.4		35.7	30.0		.1	.0	47.1	1054
MAY	DAILY	15.3	50.0		.0		.0	.4	50.0		40.6	40.8		.0	.0	54.7	1082
JUN	DAILY	19.7	44.2		.0		.0	.2	44.2		37.3	51.2		.0	.0	59.7	1074
JUL	DAILY	25.0	45.6		.0		.0	.0	45.6		34.6	55.6		.0	.0	61.4	1102
AUG	DAILY	20.8	42.0		.0		.0	.1	42.0		41.2	59.9		.0	.0	67.6	1113
SEP	DAILY	9.2	36.8		.0		.0	.0	36.8		39.5	46.9		.0	.0	57.2	1077
OCT	DAILY	3.3	34.1		.0		.2	.1	34.1		44.8	40.4		.0	.0	58.3	1110
NOV	DAILY	1.9	40.1		.0		3.2	.0	41.5		40.1	32.5		.1	.0	50.7	1075
DEC	DAILY	.5	37.5		.0		11.1	.0	41.7		40.4	32.8		1.0	.0	52.4	1106
ANN	DAILY	9.3	41.6		.0		5.0	.2	43.7		39.7	40.6		.6	.0	55.7	12886

NOTES :

* = PERCENT < .05

37 - STATION CLIMATIC SUMMARY

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT

13721 PATUXENT RIVER, MD
PERIOD OF RECORD (HOURLY): 1945-1986
PERIOD OF RECORD (DAILY) : 1945-1986

TEMPERATURE (DEG F)		PRECIPITATION (INCHES)		REL HUM		VAP		WIND (KTS)		MEAN NO. OF DAYS WITH (Z)																				
MEANS	EXTREME	PRECIP.	ISNOVALL	(2)	PERCENT	PR	PT.	PR	PT.	SKY	PRECIP.																			
MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN																			
JAN 43	29	36	78	-3	.3	6.2	.5	2.1	5	29	11	73	61	.14	26	70	NW	12	62	OVR	11	2	2	1	#	13	0	#	21	2
FEB 46	30	38	81	6	.3	7.0	.3	3.1	5	32	14	73	58	.14	26	80	NW	12	61	OVR	9	2	2	1	1	11	0	#	17	1
MAR 54	37	46	86	13	.4	10.2	.6	2.7	3	22	9	72	56	.19	33	75	NW	12	62	OVR	10	3	1	#	1	12	0	1	9	#
APR 64	47	56	92	26	.3	8.2	.4	2.6	1	1	74	54	.27	42	70	NW	11	63	OVR	10	2	#	0	3	10	#	5	1	0	
MAY 73	56	65	97	36	.4	11.0	.5	4.3	1	1	79	58	.41	53	50	SE	9	77	OVR	11	2	0	0	5	13	1	13	0	0	
JUN 81	65	73	101	45	.3	7.4	.2	5.9	0	0	82	58	.56	62	45	S	7	61	SCY	9	2	0	0	6	11	4	25	0	0	
JUL 85	70	78	103	55	.4	15.5	.8	4.6	1	1	82	59	.66	67	35	SW	8	65	BRK	10	3	0	0	8	11	7	30	0	0	
AUG 84	69	77	103	52	.4	11.1	.6	5.9	0	0	84	60	.65	66	30	S	6	69	SCY	9	2	0	0	6	13	6	30	0	0	
SEP 78	63	71	99	45	.3	8.0	.1	3.9	0	0	83	60	.53	61	40	S	6	58	SCY	7	2	0	0	3	12	2	21	0	0	
OCT 68	53	61	93	30	.3	6.6	1	3.6	1	1	80	59	.36	50	50	NW	9	96	OVR	7	2	#	0	1	14	#	6	#	0	
NOV 57	42	50	85	16	.3	8.0	.3	4.2	1	1	77	76	.58	.24	39	60	NW	11	55	OVR	9	2	#	#	1	12	0	1	#	0
DEC 47	33	40	77	6	.3	7.1	.5	3.2	2	13	8	74	61	.16	30	65	NW	12	53	OVR	9	2	1	#	#	12	0	#	16	1
ANN 65	50	58	103	-3	4.1	60.8	28.3	5.9	15	48	14	78	59	.32	46	60	NW	10	96	OVR	113	26	7	3	33	142	19	134	66	4

NOTES :

Y = TRACE AMOUNTS (< .05; < .5 INCHES

= MEAN NO. DAYS < .5 DAYS

S = PRESSURE ALTITUDE IN TENS OF FEET (I.E.: 50 = 500 FEET)

3 - NAVY STATIONS REPORTED HAIL AS SNOWFALL
3 - PRESSURE ALTITUDE IN TENS OF FEET (1000)

8 - NAVY STATIONS REPORTED HAIL AS SNOWFALL
NWS STATIONS REPORTED HAIL AS SNOWFALL FOR THE PERIOD JULY 1948-DECEMBER 1955.

* = THE PREDOMINANT SKY CONDITION

***** = VISIBILITY IS NOT CONSIDERED**

* - VISIBILITY IS NOT CONSIDERED
 & - ANNUAL TOTALS MAY DIFFER FROM THE SUM OF THE MONTHLY VALUES BECAUSE OF ROUNDING

2 = ANNUAL TOTALS MAY DIFFER FROM THE SUM OF THE MONTHLY VALUES BECAUSE OF ROUNDING
3 = 24 HOUR MAXIMUM PRECIPITATION AND SNOWFALL ARE DAILY TOTAL VALUES (MID-NIGHT TO MID-NIGHT TOTALS).